Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NRM2028258931
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Todd Wells Title: Environmental Specialist

Signature: Todd Wells Date: 12/21/21

email: Todd_Wells@eogresources.com Telephone: (432) 686-3613

OCD Only

Received by: Chad Hensley Date: 01/14/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Chad Hensley Date: 01/14/2022

Printed Name: Chad Hensley Title: Environmental Specialist Advanced

SITE INFORMATION

Report Type: Closure Report NRM2028258931

General Site Information:						
Site:	**Fox 30 State Com Facility**					
Company:	**EOG Resources**					
Section, Township and Range	**Unit H**	**Sec. 30**	**T 25S**	**R 34E**		
Lease Number:						
County:	**Lea County**					
GPS:	**32.102669**			**-103.503188**		
Surface Owner:	State					
Mineral Owner:						
Directions:	From the intersection of Battle Axe Rd and Dinwiddle Rd, follow Battle Axe Rd East/Northeast for 3.06 miles. Turn left onto lease road, follow for 0.92 miles. Turn Right onto lease road, follow for 0.88 miles to location.					

Release Data:	
Date Released:	9/29/2020
Type Release:	Produced Water
Source of Contamination:	Discharge Hose
Fluid Released:	1,200 bbl produced water
Fluids Recovered:	1,000 bbl produced water

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

Site Characterization	
Depth to Groundwater:	*>55' Below Surface*
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*	*1,000 mg/kg*	*2,500 mg/kg*	*10,000 mg/kg*

TETRA TECH

December 17, 2021

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

Re: Closure Report for the EOG Resources, Fox 30 State Com Facility, Unit H, Section 30, Township 25 South, Range 34 East, Lea County, New Mexico. NRM2028258931

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess and remediate a release that occurred at the EOG Resources, Fox 30 State Com Facility, Unit H, Section 30, Township 25 South, Range 34 East, Lea County, New Mexico (Site). The site coordinates are 32.102669°, -103.503188°. The site location is shown on Figures 1 and 2.

Background

According to the State of New Mexico C-141 Initial Report, the release was discovered on September 29, 2020, and released approximately 1,200 barrels of produced water due to a disconnected hose on a transfer pump. Approximately 1,000 barrels of produced water were recovered. The release occurred in a lined containment, on a pad, and flowed onto a pasture, impacting an area measuring approximately 430' X 340'. The C-141 form is included in Appendix A.

Site Characterization

A site characterization was performed for the site and no lakebeds, sinkholes, playa lakes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the specified distances. Additionally, the site is located in a low karst potential area. The nearest well is listed on the USGS National Water Information System is in section 25 approximately 1.0 miles from the site, and has a reported depth to groundwater of 128.51' below surface. Site characterization information is found in Appendix B.

Additionally, during the investigation activities, a groundwater determination bore hole was drilled at the site to a total depth of 55' feet below surface, and no water was encountered during drilling. The groundwater determination bore was left open, then inspected 72 hours following drilling and no groundwater was detected. The location and drilling log for the groundwater determination bore is included in Appendix B.

Tetra Tech
901 West Wall Street, Suite 100, Midland, TX 79701
Tel 432.682.4559 Fax 432.682.3946 www.tetratech.com

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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, beyond the top 4.0' of soil, the proposed RRAL for TPH is 1,000 mg/kg (GRO + DRO) and 2,500 mg/kg (GRO + DRO + ORO). Additionally, based on the site characterization, beyond the top 4.0' of soil, the proposed RRAL for chlorides is 10,000 mg/kg.

Soil Assessment and Analytical Results

On October 15, 2020 and October 16, 2020, Tetra Tech personnel were onsite to evaluate and sample the release area. A total of twenty-one (21) auger holes (AH-1 through AH-21) were installed in the release footprint with depths ranging from surface to 4.5' below surface. Additionally, eighteen (18) hoizontals (H-1 through H-18) were installed to horizontally delineate the spill footprint. Selected samples were submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 1. The sample locations are shown in Figure 3.

Referring to Table 1, none of the samples reported benzene, total BTEX, or TPH concentrations above the laboratory reporting limits, with the exception of horizontal (H-16), which reported a TPH concentration of 209 mg/kg. The areas of auger holes (AH-2 through AH-11, AH-13, AH-15, AH-18, AH-20, and AH-21) reported chloride concentrations above the 600 mg/kg threshold, with concentrations ranging from 883 mg/kg to 6,210 mg/kg, at depths ranging from surface to 3.5' below surface. Additionally, all horizontal samples reported chloride concentrations below the RRALs. Additionally, the TPH concentration in the area of horizontal (H-16) was horizontally delineated during remediation activities

Remediation and Reclamation Activities

Tetra Tech personnel were onsite February 24, 2021 through April 13, 2021, to supervise the remediation and collect confirmation samples. The impacted areas were excavated to depths ranging from 0.5' below surface and 5.0' below surface, as shown on Figure 4 and Table 2.

Confirmation bottom hole and sidewall samples were collected every 200 square feet, a total of 152 bottom hole samples (BH-1 through BH-152) and 65 sidewall samples (SW-1 through SW-64 and SW-61A) were collected to ensure proper removal of the impacted soils. Sidewall (SW-61A) was mistakenly named the same as previously collected sidewall sample (SW-61). Due to this mistake, the letter "A" has been added to the sample ID on the table and figure to clarify sample identities. The sidewall (SW-61) was collected on April 6, 2021, and the sample results are shown on lab report (Cardinal H210847), shown in Appendix C. The sidewall (SW-61A) was collected on April 13, 2021, and the sample results are shown on lab report (890-524-1), shown in Appendix C. The samples were submitted to the laboratory to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 300.0. The sampling results

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are summarized in Table 2. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The excavation depths, and sample locations are shown in Figure 4.

Referring to Table 2, all final confirmation samples collected showed benzene, total BTEX, TPH, and chloride concentrations below the RRALs, with the exception of sidewalls (SW-28, SW-33, SW-35, and SW-37 through SW-43) reported chloride concentrations above the 600 mg/kg threshold for chlorides.

Additional Soil Assessment

On September 17, 2021, Tetra Tech personnel were onsite to evaluate and resample the areas of sidewalls (SW-28, SW-33, SW-35, and SW-37 through SW-43). A total of nine (9) auger holes (AH-1 through AH-9) were installed in the mentioned areas, with depths ranging from surface to 4.5' below surface. Additionally, four (4) hoizontals (H-1 through H-4) were installed to horizontally delineate the spill footprint. Selected samples were submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 3. The sample locations are shown in Figure 4A.

Referring to Table 3, none of the samples reported benzene, total BTEX, or TPH concentrations above the RRALs. The area of auger hole (AH-2) reported a chloride concentration above the 600 mg/kg threshold, with a concentration of 1,890 mg/kg, at a depth of 3.5' below surface. Additionally, the remaining auger holes (AH-1, and AH-3 through AH-9) and horizontal samples (H-1 through H-4) reported chloride concentrations below the RRALs.

Additional Remediation and Trenching

Tetra Tech personnel were onsite October 14, 2021, to supervise the additional remediation of the area of auger hole (AH-2) and subsequently sidewall (SW-43) and to collect confirmation samples. Additionally, three (3) trenches (Trench-1 through Trench-3) were installed in the areas of auger holes (AH-6, AH-3, and AH-1) to vertically delineate beyond the top 4.0' of soil, respectively. The remaining impacted area was excavated to a depth of 4.0' below surface, as shown on Figure 4A and Table 2. The installed trenches are shown on Figure 4A and Table 3.

Confirmation bottom hole and sidewall samples were collected every 200 square feet, a total of 5 bottom hole samples (BH-153 through BH-157) and 4 sidewall samples (SW-65 through SW-68) were collected to ensure proper removal of the impacted soils. The samples were submitted to the laboratory to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 300.0. The sampling results are summarized in Table 2. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The excavation depths, and sample locations are shown in Figure 4.

Referring to Table 3, all trench samples collected showed bezene, total BTEX, TPH, and chloride concentrations below the RRALs.

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Approximately 4,476 cubic yards of material was excavated and transported offsite for proper disposal. The areas were then backfilled with clean material to surface grade.

Conclusion

Based on the laboratory results, remediation activities performed, EOG requests closure of this spill issue. The final C-141 is enclosed in Appendix A. If you have any questions or comments concerning the assessment or remediation activities for this site, please call at (432) 682-4559.

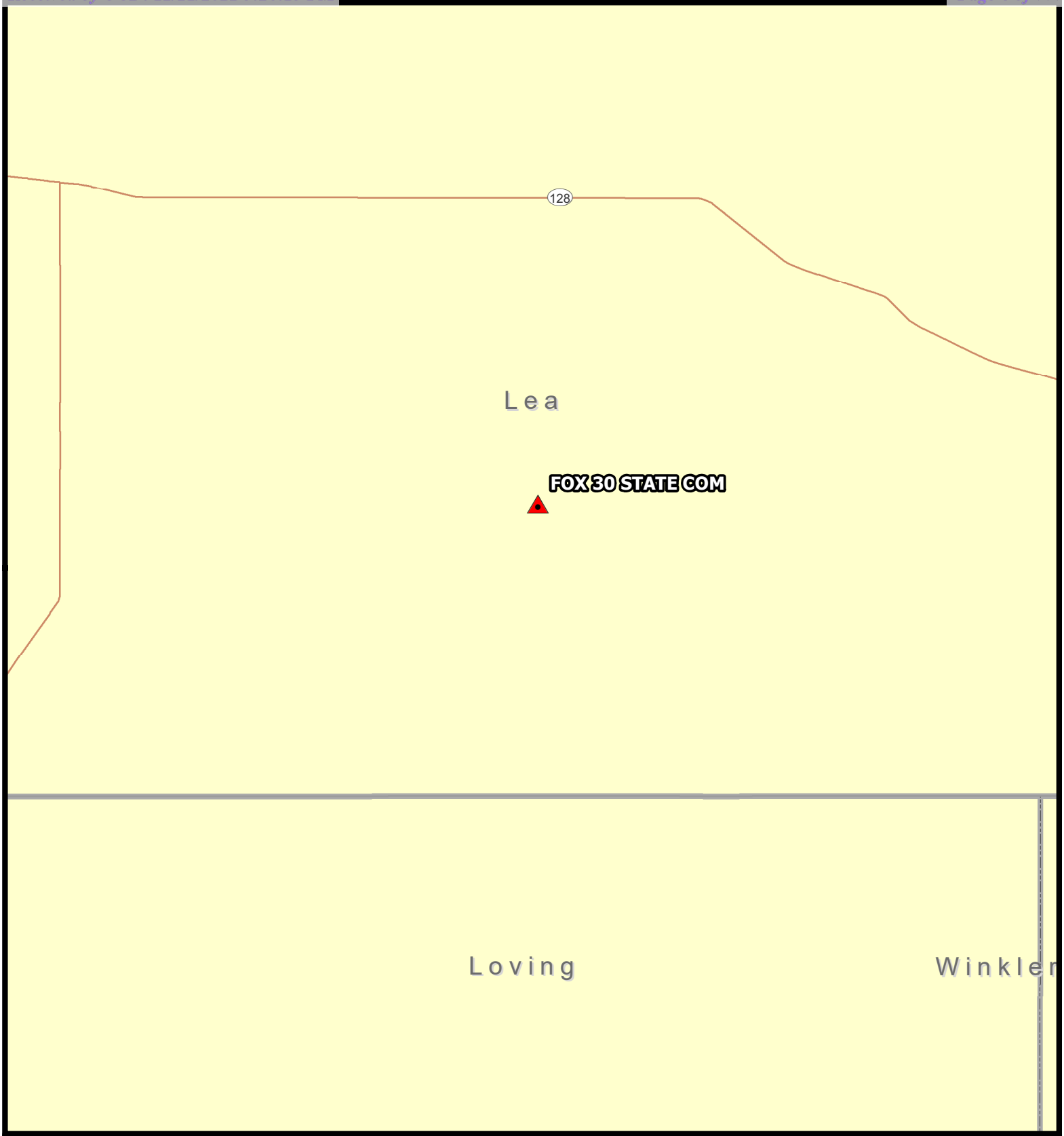
Respectfully submitted,
TETRA TECH

Brittany Long,
Project Manager

Clair Gonzales, P.G.
Senior Project Manager

TETRA TECH

Figures



SITE LOCATION

N
W E
S

0 10,416.5 20,833

Approximate Scale in Feet



STATE LOCATOR MAP

Service Layer Credits:

OVERVIEW MAP
FOX 30 STATE COM FACILITY
Property located at coordinates 32.102669°, -103.503188°
LEA COUNTY, NEW MEXICO

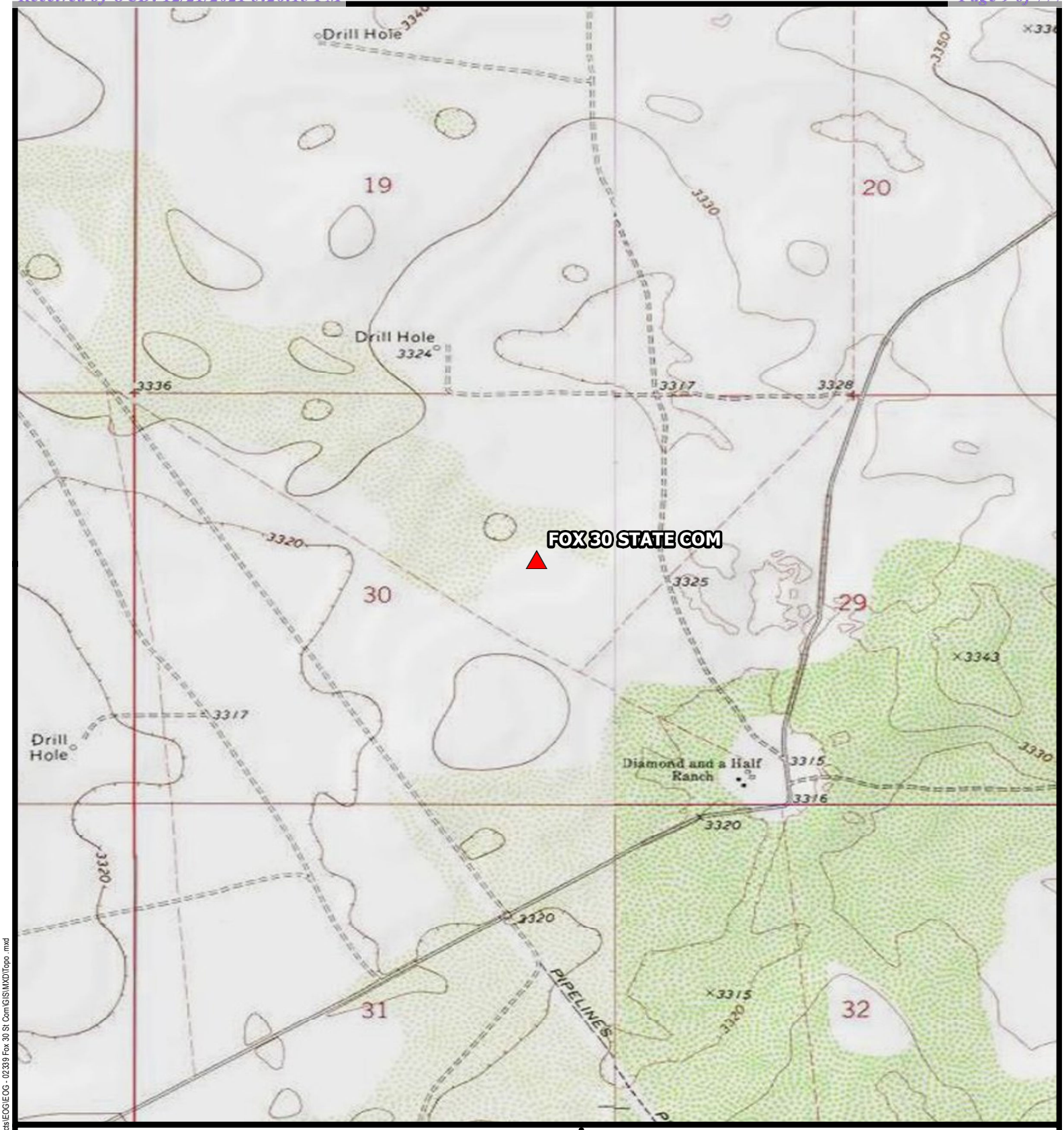
eog resources

TETRA TECH
901 W Wall St Ste. 100,
Midland, TX 79701
(432) 682-4559

Project #: 212C-MD-02339
Date: 02-19-2021
Drawn By: Ezequiel Moreno

FIGURE
1

Document Path: C:\Users\EMORENOFLORES\Documents\Projects\EOG\EOG - 02339 Fox 30 St Com\GIS\MXD\Overview .mxd



▲ SITE LOCATION

N
W E
S

0 550 1,100 2,200

Approximate Scale in Feet

Service Layer Credits: Copyright:© 2013 National Geographic Society, i-cubed

TOPOGRAPHIC MAP
FOX 30 STATE COM FACILITY
Property located at coordinates 32.102669°, -103.503188°
LEA COUNTY, NEW MEXICO

eog resources

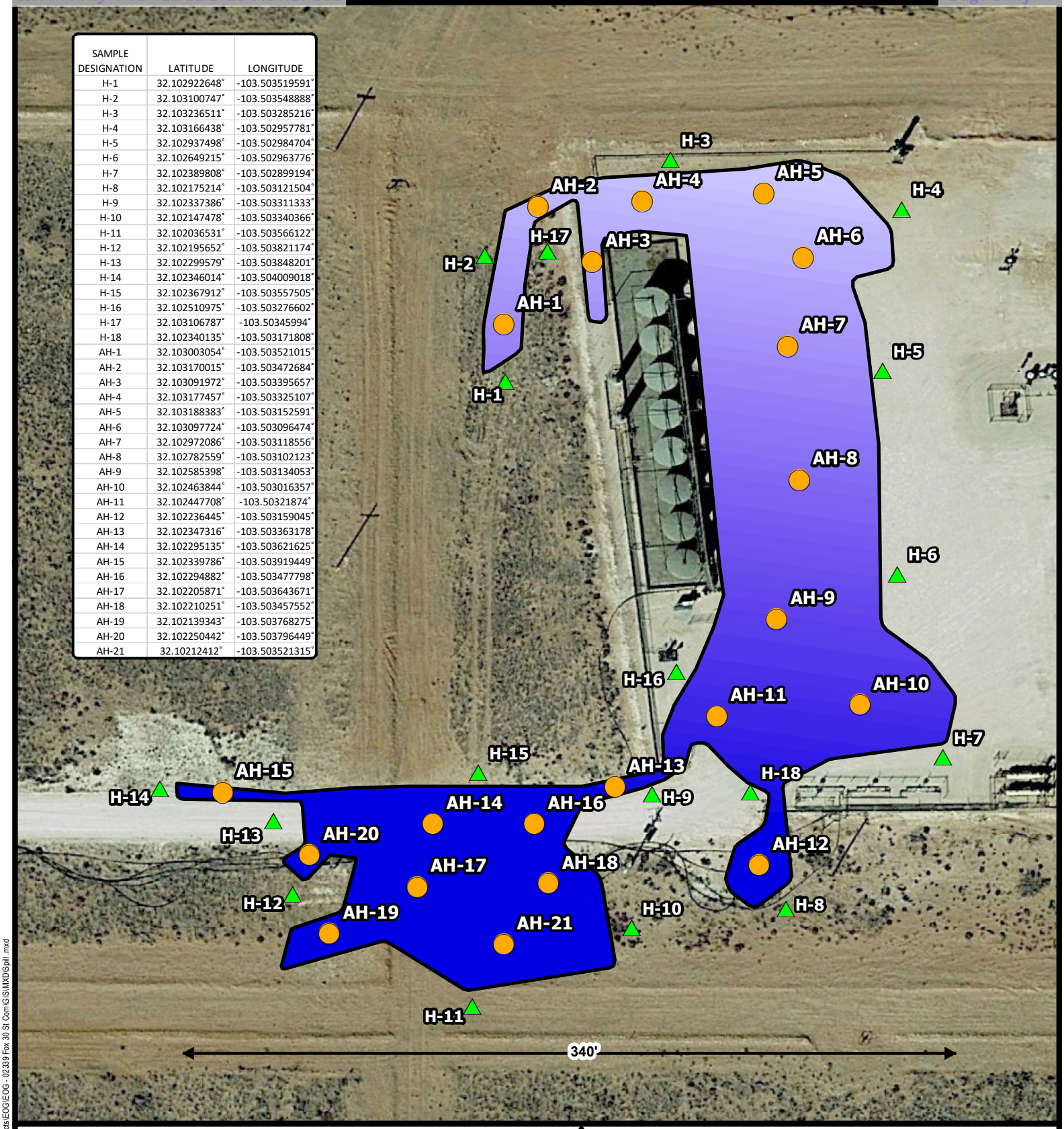
TETRA TECH
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(432) 682-4559

Project #: 212C-MD-02339
Date: 02-19-2021
Drawn By: Ezequiel Moreno

FIGURE
2

Document Path: C:\Users\E.MORENOFLORES\Documents\Projects\EOG\EOG - 02339 Fox 30 St Com\GIS\MXD\Topo_mxd

SAMPLE DESIGNATION	LATITUDE	LONGITUDE
H-1	32.102922648°	-103.503519591°
H-2	32.103100747°	-103.503548888°
H-3	32.103236511°	-103.503285216°
H-4	32.103166438°	-103.502957781°
H-5	32.102937498°	-103.502984704°
H-6	32.102649215°	-103.502963776°
H-7	32.102389808°	-103.502899194°
H-8	32.102175214°	-103.503121504°
H-9	32.102337386°	-103.503311333°
H-10	32.102147478°	-103.503340366°
H-11	32.102036531°	-103.503566122°
H-12	32.102195652°	-103.503821174°
H-13	32.102299579°	-103.503848201°
H-14	32.102346014°	-103.504009018°
H-15	32.102367912°	-103.503557505°
H-16	32.102510975°	-103.503276602°
H-17	32.103106787°	-103.50345994°
H-18	32.102340135°	-103.503171808°
AH-1	32.103003054°	-103.503521015°
AH-2	32.103170015°	-103.503472684°
AH-3	32.103091972°	-103.503395657°
AH-4	32.103177457°	-103.503325107°
AH-5	32.103188383°	-103.503152591°
AH-6	32.103097724°	-103.503096474°
AH-7	32.102972086°	-103.503118556°
AH-8	32.102782559°	-103.503102123°
AH-9	32.102585398°	-103.503134053°
AH-10	32.102463844°	-103.503016357°
AH-11	32.102447708°	-103.50321874°
AH-12	32.102236445°	-103.503159045°
AH-13	32.102347316°	-103.503363178°
AH-14	32.102295135°	-103.503621625°
AH-15	32.102339786°	-103.503919449°
AH-16	32.102294882°	-103.503477798°
AH-17	32.102205871°	-103.503643671°
AH-18	32.102210251°	-103.503457552°
AH-19	32.102139343°	-103.503768275°
AH-20	32.102250442°	-103.503796449°
AH-21	32.10212412°	-103.503521315°



HORIZONTAL SAMPLE LOCATION

AUGER HOLE SAMPLE LOCATIONS

AFFECTED SPILL AREA

N
W E
S

0 25 50 100

Approximate Scale in Feet

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

SPILL ASSESSMENT MAP
FOX 30 STATE COM FACILITY
Property located at coordinates 32.102669°, -103.503188°
LEA COUNTY, NEW MEXICO

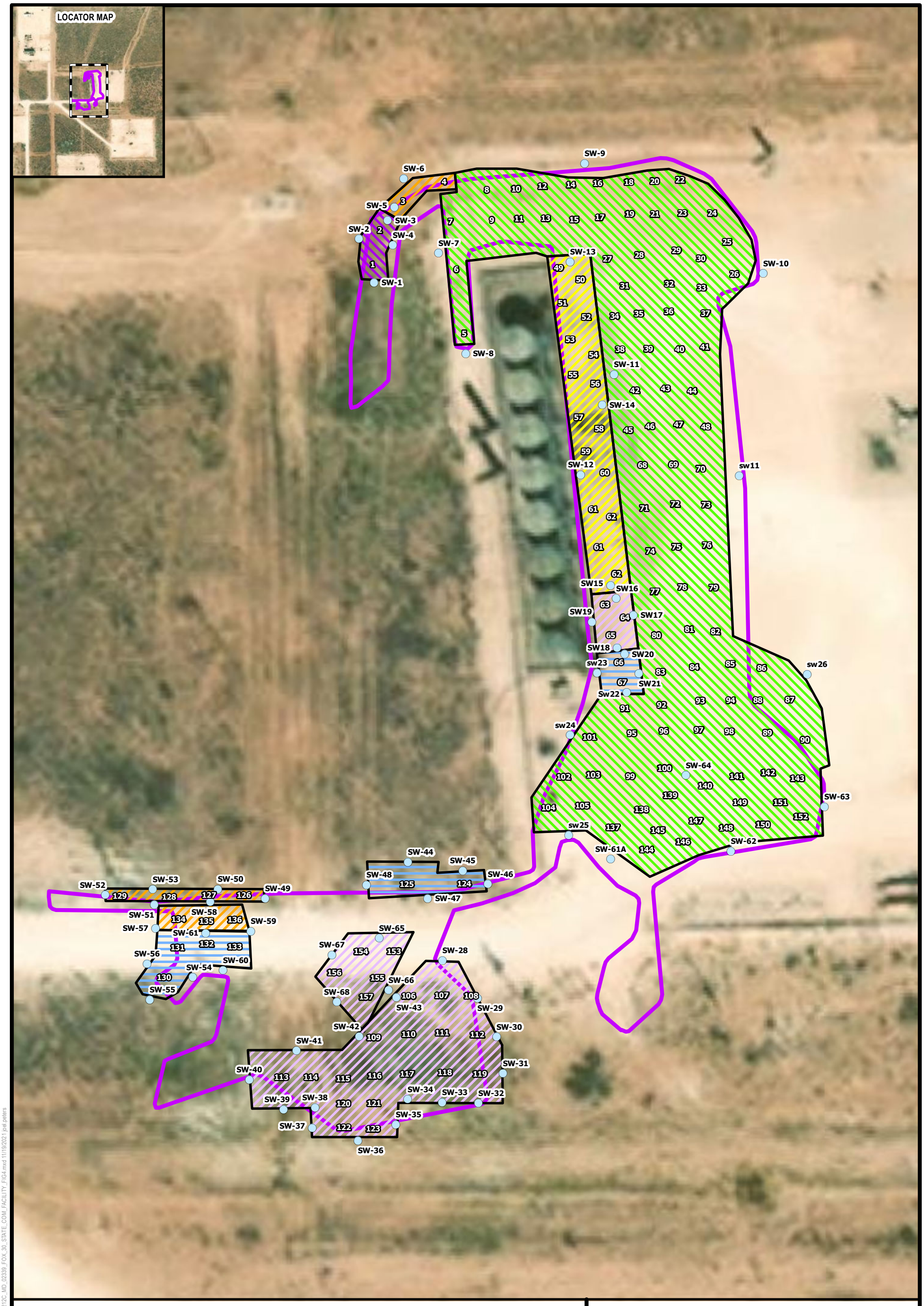
eog resources

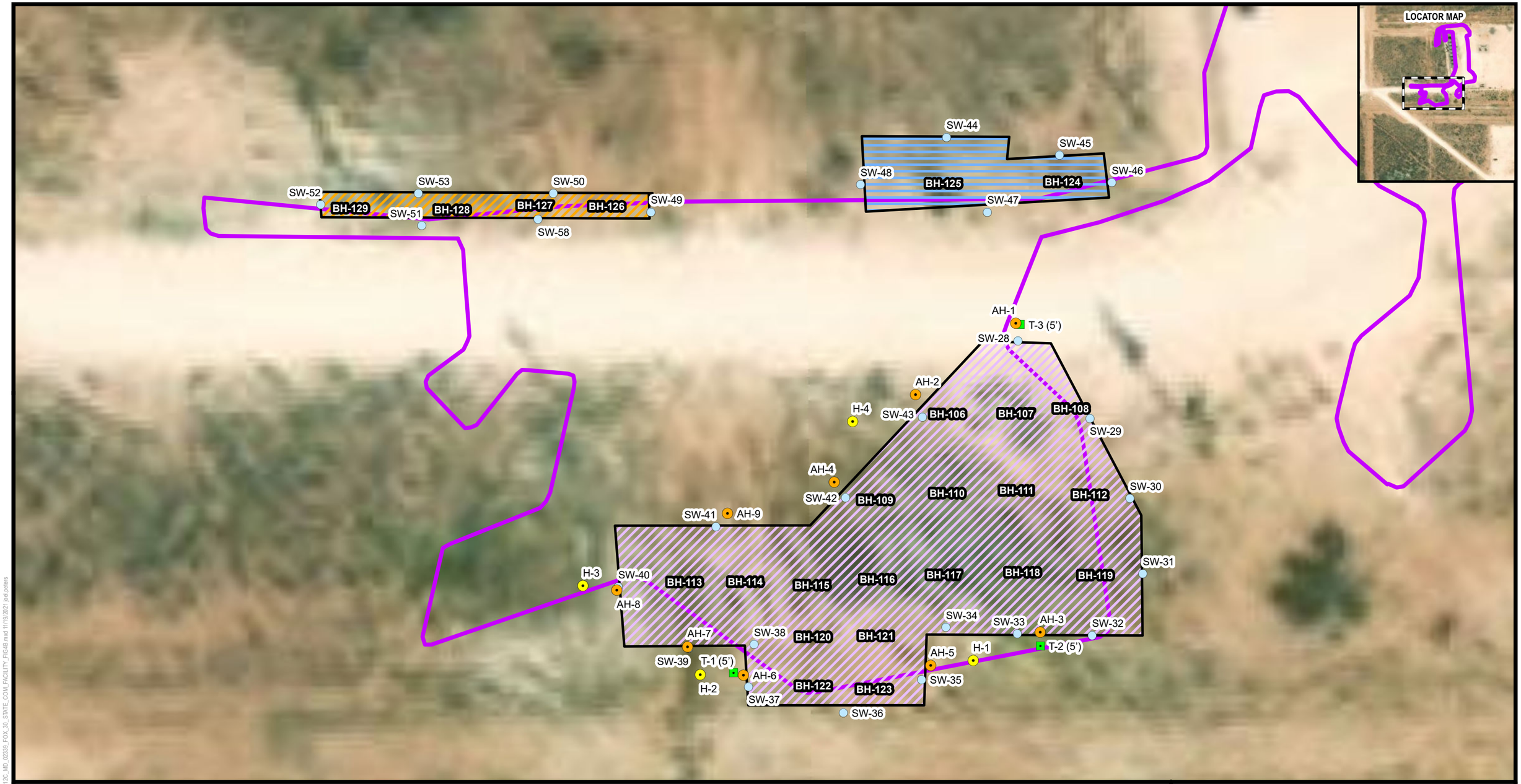
TETRA TECH
901 W Wall St Ste. 100,
Midland, TX 79701
(432) 682-4559

Project #: 212C-MD-02339
Date: 02-19-2021
Drawn By: Ezequiel Moreno

FIGURE 3

Document Path: C:\Users\E.MORENO\FLORES\Documents\Projects\EOG\EOG - 02339 Fox 30 St Com\GIS\MXD\Spill .mxd


LOCATOR MAP
SW-1
SW-2
SW-3
SW-4
SW-5
SW-6
SW-7
SW-8
SW-9
SW-10
SW-11
SW-12
SW-13
SW-14
SW15
SW16
SW17
SW18
SW19
SW20
sw21
Sw22
sw23
sw24
sw25
SW-61A
sw26
SW-27
SW-28
SW-29
SW-30
SW-31
SW-32
SW-33
SW-34
SW-35
SW-36
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SW-43
SW-44
SW-45
SW-46
SW-47
SW-48
SW-49
SW-50
SW-51
SW-52
SW-53
SW-54
SW-55
SW-56
SW-57
SW-58
SW-59
SW-60
SW-61
SW-62
SW-63
SW-64
SW-65
SW-66
SW-67
SW-68
BOTTOM HOLE SAMPLE LOCATION
SIDEWALL DESIGNATION
AFFECTED SPILL AREA
0.5' - EXCAVATED DEPTH
1' - EXCAVATED DEPTH
2' - EXCAVATED DEPTH
3' - EXCAVATED DEPTH
4' - EXCAVATED DEPTH
4.5' - EXCAVATED DEPTH
5' - EXCAVATED DEPTH
N
W
E
S
0
20
40
Feet
Approximate Scale in Feet
Source: ESRI Basemap - Imagery 2020.
EXCAVATION AREA & DEPTH MAP
FOX 30 STATE COM FACILITY
Property located at coordinates 32.102669°, -103.503188°
LEA COUNTY, NEW MEXICO
eog resources
Project #:
212C-MD-02339
FIGURE
4
C:\GIS\EOG Resources\212C-MD-02339_FOX30_ST_COM\MXD\212C_MD_02339_FOX_30_STATE_COM_FACILITY_FIG4.mxd 11/19/2021 joel.peters



BH BOTTOM HOLE SAMPLE LOCATION

AUGER HOLE SAMPLE LOCATION

HORIZONTAL SAMPLE LOCATION

TRENCH

SIDEWALL DESIGNATION

2' EXCAVATION DEPTH

4' EXCAVATION DEPTH

4.5' EXCAVATION DEPTH

AFFECTED SPILL AREA

Source: ESRI Basemap - Imagery 2020.

N W E S

0 10 20 Feet

Approximate Scale in Feet

EXCAVATION AREA & DEPTH MAP
FOX 30 STATE COM FACILITY
Property located at coordinates 32.102669°, -103.503188°
LEA COUNTY, NEW MEXICO

eog resources

Project #: 212C-MD-02557

FIGURE 4A

C:\GIS\EOG Resources\212C-MD-02339_FOX30_ST_COM\MXD\212C_MD_02339_FOX_30_STATE_COM_FACILITY_FIG4B.mxd 11/19/2021 joel peters

TETRA TECH

Tables

Released to Imaging: 1/14/2022 2:45:36 PM
Received by OCD: 12/21/2021 3:26:13 PM

Table 1
EOG
Fox 30 State Com Facility
Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
AH-1	10/16/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	15.9
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	9.62
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	10.3
AH-2	10/16/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**4,420**
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	**2,880**
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	**3,700**
	"	3-3.5.	X		-	-	-	-	-	-	-	-	-	255
	"	4-4.5	X		-	-	-	-	-	-	-	-	-	169
AH-3	10/16/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**1,380**
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	13.0
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	10.4
AH-4	10/16/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**2,010**
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	36.0
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	12.0
AH-5	10/16/2020	0-1	X		<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**2,860**
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	11.2
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	<4.95
AH-6	10/16/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**883**
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	13.4
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	43.1
AH-7	10/16/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**1,070**
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	198
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	284
AH-8	10/15/2020	0-1	X		<50.0	**<50.0**	**<50.0**	**<50.0**	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**590**
	"	1	X		-	-	-	-	-	-	-	-	-	78.2
	"	2	X		-	-	-	-	-	-	-	-	-	66.1

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Table 1
EOG
Fox 30 State Com Facility
Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
AH-9	10/15/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	**4,000**
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	216
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	156
	"	3-3.5	X		-	-	-	-	-	-	-	-	-	98.7
AH-10	10/15/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	**2,380**
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	114
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	40.3
	"	3-3.5	X		-	-	-	-	-	-	-	-	-	32.1
AH-11	10/15/2020	0-1	X		<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	**2,360**
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	47.2
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	39.7
	"	3-3.5	X		-	-	-	-	-	-	-	-	-	69.1
AH-12	10/15/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	51.0
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	35.7
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	25.4
	"	3-3.5	X		-	-	-	-	-	-	-	-	-	47.5
AH-13	10/15/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**2,480**
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	**2,820**
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	**2,930**
	"	3-3.5	X		-	-	-	-	-	-	-	-	-	**4,090**
AH-14	10/15/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	521
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	81.3
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	71.4
	"	3-3.5	X		-	-	-	-	-	-	-	-	-	262
AH-15	10/15/2020	0-1	X		<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	0.00233	<0.00201	0.00233	**3,920**
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	73.9
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	96.7
	"	3-3.5	X		-	-	-	-	-	-	-	-	-	217

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Table 1
EOG
Fox 30 State Com Facility
Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
AH-16	10/15/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	352
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	29.2
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	17.5
	"	3-3.5	X		-	-	-	-	-	-	-	-	-	62.0
AH-17	10/15/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	24.0
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	11.6
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	12.8
	"	3-3.5	X		-	-	-	-	-	-	-	-	-	18.4
AH-18	10/15/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**2,520**
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	**2,930**
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	**2,820**
	"	3-3.5	X		-	-	-	-	-	-	-	-	-	**4,860**
	"	4-4.5	X		-	-	-	-	-	-	-	-	-	278
AH-19	10/15/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	10.2
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	8.21
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	9.47
AH-20	10/15/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	19.5
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	26.5
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	12.4
	"	3-3.5	X		-	-	-	-	-	-	-	-	-	**1,310**
AH-21	10/15/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**1,320**
	"	1-1.5	X		-	-	-	-	-	-	-	-	-	**1,370**
	"	2-2.5	X		-	-	-	-	-	-	-	-	-	**1,120**
	"	3-3.5	X		-	-	-	-	-	-	-	-	-	**6,210**
	"	4-4.5	X		-	-	-	-	-	-	-	-	-	**3,880**
Horizontal-1	10/15/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	12.2
Horizontal-2	10/15/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	9.93
Horizontal-3	10/15/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	13.3

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EOG
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Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
Horizontal-4	10/15/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	82.2
Horizontal-5	10/15/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	168
Horizontal-6	10/15/2020	0-1	X		<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	58.4
Horizontal-7	10/15/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	23.2
Horizontal-8	10/15/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	64.6
Horizontal-9	10/15/2020	0-1	X		<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	150
Horizontal-10	10/15/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	24.7
Horizontal-11	10/15/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	13.3
Horizontal-12	10/15/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	13.2
Horizontal-13	10/15/2020	0-1	X		<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	187
Horizontal-14	10/15/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	22.8
Horizontal-15	10/15/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	18.8
Horizontal-16	10/15/2020	0-1	X		<49.9	**130**	79.4	**209**	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	177
Horizontal-17	10/15/2020	0-1	X		<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	49.9
Horizontal-18	10/15/2020	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	247

(-) Not Analyzed

Proposed Excavation

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Table 2
EOG
Fox 30 State Com Facility
Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
BH-1	3/1/2021	5.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	32.3
BH-2	3/1/2021	5.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	28.5
BH-3	3/1/2021	5.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	17.8
BH-4	3/1/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	26.1
BH-5	3/1/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	302
BH-6	3/1/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	272
BH-7	3/1/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	310
BH-8	3/1/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	33.6
BH-9	3/1/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	19.7
BH-10	3/1/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	27.7
BH-11	3/1/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	26
BH-12	3/1/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	21.1
BH-13	3/1/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	20.8
BH-14	3/1/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	27.5
BH-15	3/1/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	29.5
BH-16	3/1/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	9.54
BH-17	3/1/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	16.6
BH-18	3/1/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	20.8
BH-19	3/1/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	28.5
BH-20	3/1/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	17.3
BH-21	3/1/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	11.1
BH-22	3/1/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	11.3
BH-23	3/1/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	106

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			In-Situ	Removed	GRO	DRO	MRO	Total						
BH-24	3/1/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	108
BH-25	3/1/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	108
BH-26	3/1/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	14.9
BH-27	3/2/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	44.3
BH-28	3/2/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	101
BH-29	3/2/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	100
BH-30	3/2/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	97.1
BH-31	3/2/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	103
BH-32	3/2/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	99.4
BH-33	3/2/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	106
BH-34	3/2/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	129
BH-35	3/2/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	134
BH-36	3/2/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	130
BH-37	3/2/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	133
BH-38	3/2/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	134
BH-39	3/2/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	124
BH-40	3/2/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	28.9
BH-41	3/2/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	13.2
BH-42	3/2/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	12
BH-43	3/2/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	12.5
BH-44	3/2/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	12.2
BH-45	3/2/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	12.5
BH-46	3/2/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	10.4
BH-47	3/2/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	12.5
BH-48	3/2/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	11.7
BH-49	3/2/2021	0.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	123
BH-50	3/2/2021	0.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	184
BH-51	3/2/2021	0.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	13.9

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Table 2
EOG
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Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
BH-52	3/2/2021	0.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	34.1
BH-53	3/2/2021	0.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	32.8
BH-54	3/2/2021	0.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	215
BH-55	3/2/2021	0.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	270
BH-56	3/2/2021	0.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	260
BH-57	3/2/2021	0.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	257
BH-58	3/2/2021	0.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	276
BH-59	3/2/2021	0.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	258
BH-60	3/3/2021	0.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	49.3
BH-61	3/3/2021	0.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	33.2
BH-62	3/3/2021	0.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	100
BH-63	3/3/2021	4.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	101
BH-64	3/3/2021	4.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	98.5
BH-65	3/3/2021	4.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	96.8
BH-66	3/3/2021	3.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	427
BH-67	3/3/2021	3.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	435
BH-68	3/3/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	64.2
BH-69	3/3/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	69
BH-70	3/3/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	66.4
BH-71	3/3/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	71.8
BH-72	3/3/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	72.9
BH-73	3/3/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	69.9
BH-74	3/3/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	67.7
BH-75	3/3/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	70.6
BH-76	3/3/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	67.3
BH-77	3/3/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	68.7
BH-78	3/3/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	64.8
BH-79	3/3/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	62.1

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			In-Situ	Removed	GRO	DRO	MRO	Total						
BH-80	3/3/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	45.5
BH-81	3/3/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	0.00836	0.00836	39.9
BH-82	3/3/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	40.5
BH-83	3/3/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	40.3
BH-84	3/3/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	34.5
BH-85	3/3/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	37.5
BH-86	3/4/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	34.7
BH-87	3/4/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	40.7
BH-88	3/4/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	35.4
BH-89	3/4/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	36.5
BH-90	3/4/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	35.1
BH-91	3/4/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	35.1
BH-92	3/4/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	36.1
BH-93	3/4/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	35.6
BH-94	3/4/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	73.4
BH-95	3/4/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	56.2
BH-96	3/4/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	43.6
BH-97	3/4/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	44.6
BH-98	3/4/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	35.4
BH-99	3/4/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	39.6
BH-100	3/4/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	45.9
BH-101	3/4/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	36.1
BH-102	3/4/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	65.3
BH-103	3/4/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	23.9
BH-104	3/4/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	0.00252	<0.00200	<0.00200	<0.00200	0.00252	25.8
BH-105	3/4/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	21
BH-106	3/10/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	6,670
BH-107	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	5,860

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			In-Situ	Removed	GRO	DRO	MRO	Total						
BH-108	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	39.1
BH-109	3/10/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	7,730
BH-110	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	6,130
BH-111	3/10/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	6,350
BH-112	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	3,400
BH-113	3/10/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	1,050
BH-114	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	297
BH-115	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	69.7
BH-116	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	1,270
BH-117	3/10/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	7,140
BH-118	3/10/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	3,000
BH-119	3/10/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	3,370
BH-120	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	135
BH-121	3/10/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	327
BH-122	3/10/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	41.6
BH-123	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	454
BH-124	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	619
BH-125	3/10/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	0.00213	<0.00201	<0.00201	0.00213	769
BH-126	3/10/2021	2.0		X	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	**2,990**
	3/22/2021	4.5	X		67.6	<49.9	<49.9	67.6	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	410
BH-127	3/10/2021	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	149
BH-128	3/10/2021	2.0		X	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**744**
	3/22/2021	4.5	X		60.5	<50.0	<50.0	60.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	422
BH-129	3/10/2021	2.0		X	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	**1,530**
	3/22/2021	3.5	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	146
BH-130	4/62021	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	48.0
BH-131	4/62021	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	64.0
BH-132	4/62021	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	48.0
BH-133	4/62021	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	64.0

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			In-Situ	Removed	GRO	DRO	MRO	Total						
BH-134	4/62021	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	64.0
BH-135	4/62021	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	64.0
BH-136	4/62021	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	80.0
BH-137	4/13/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00396	49.7
BH-138	4/13/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	66.5
BH-139	4/13/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	67.9
BH-140	4/13/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	66.5
BH-141	4/13/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	63.3
BH-142	4/13/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	40.4
BH-143	4/13/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	37.6
BH-144	4/13/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	35.7
BH-145	4/13/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	87.2
BH-146	4/13/2021	1.0	X	-	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	0.00482	<0.00401	0.00482	81.2
BH-147	4/13/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	92.4
BH-148	4/13/2021	1.0	X	-	<50.0	69.5	<50.0	69.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	77.1
BH-149	4/13/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	35.9
BH-150	4/13/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	40.3
BH-151	4/13/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	39.2
BH-152	4/13/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	35.5
BH-153	10/14/2021	4.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	31.4
BH-154	10/14/2021	4.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	30.6
BH-155	10/14/2021	4.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	184
BH-156	10/14/2021	4.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	28.6
BH-157	10/14/2021	4.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	28.7
SW-1	3/2/2021	5.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	27.2
SW-2	3/2/2021	5.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	26.7
SW-3	3/2/2021	5.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	27.5
SW-4	3/2/2021	5.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	31.5

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Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
SW-5	3/2/2021	2.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	31.3
SW-6	3/2/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	31.8
SW-7	3/2/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	38.2
SW-8	3/2/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	39.2
SW-9	3/2/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	40.1
SW-10	3/2/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	40
SW-11	3/2/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	40.8
SW-12	3/4/2021	0.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	39.3
SW-13	3/4/2021	0.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	39.5
SW-14	3/4/2021	0.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	40.6
SW-15	3/4/2021	0.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	70.4
SW-16	3/4/2021	4.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	47.5
SW-17	3/4/2021	4.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	48.7
SW-18	3/4/2021	4.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	54.6
SW-19	3/4/2021	4.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	56.3
SW-20	3/4/2021	3.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	56.9
SW-21	3/4/2021	3.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	55.3
SW-22	3/4/2021	3.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	41.9
SW-23	3/4/2021	3.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	42.4
SW-24	3/4/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	42.1
SW-25	3/4/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	41.3
SW-26	3/4/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	41.8
SW-28	3/10/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**765**
SW-29	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	21.8
SW-30	3/10/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	103
SW-31	3/10/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<5.04
SW-32	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	782
SW-33	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**1,250**

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Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
SW-34	3/10/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	37
SW-35	3/10/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**640**
SW-36	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	107
SW-37	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**3,230**
SW-38	3/10/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**2,410**
SW-39	3/10/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	**1,270**
SW-40	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**1,450**
SW-41	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**2,710**
SW-42	3/10/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	**2,520**
SW-43	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**2,280**
SW-44	3/10/2021		X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	75.4
SW-45	3/10/2021		X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	461
SW-46	3/10/2021		X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	143
SW-47	3/10/2021		X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	359
SW-48	3/10/2021		X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	75.1
SW-49	3/10/2021		X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	113
SW-50	3/10/2021			X	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**2,010**
	3/22/2021	4.5	X		99.7	<50.0	<50.0	99.7	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	148
SW-51	3/10/2021			X	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	**1,400**
	3/22/2021	4.5	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	156
SW-52	3/10/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	552
SW-53	3/10/2021			X	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**787**
	3/22/2021	4.5	X		<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	75.3

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			In-Situ	Removed	GRO	DRO	MRO	Total						
SW-54	4/6/2021	4.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	128
SW-55	4/6/2021	4.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	128
SW-56	4/6/2021	4.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	128
SW-57	4/6/2021	4.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	144
SW-58	4/6/2021	2.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	16.0
SW-59	4/6/2021	2.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	32.0
SW-60	4/6/2021	4.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	128
SW-61	4/6/2021	4.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	128
SW-61A	4/13/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	28.9
SW-62	4/13/2021	1.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	34.1
SW-63	4/13/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	34
SW-64	4/13/2021	1.0	X	-	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	33.1
SW-65	10/14/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	246
SW-66	10/14/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	512
SW-67	10/14/2021	1.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	32.3
SW-68	10/14/2021	1.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	17.8

Remediated

Further assessed, shown on Figure 4A and Table 3

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			In-Situ	Removed	GRO	DRO	MRO	Total						
AH-1 (Area of SW-28)	9/16/2021	0-1	X		<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	25.9
Trench-3	10/14/2021	0-1	X		<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	18.0
	"	1.0	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	22.7
	"	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	187
	"	3.0	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	136
	"	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	141
	"	5.0	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	191
AH-2 (Area of SW-43)	9/16/2021	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	51.7
	"	1-1.5	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	441
	"	2-2.5	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	551
	"	3-3.5	X		<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1890**
	"	4-4.5	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	733
AH-3 (Area of SW-33)	9/16/2021	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	14.0
Trench-2	10/14/2021	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	40.7
	"	1.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	9.26
	"	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	8.67
	"	3.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	257
	"	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	216
	"	5.0	X		<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	70.8
AH-4 (Area of SW-42)	9/16/2021	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	39.5
	"	1-1.5	X		<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	56.0
	"	2-2.5	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	57.0
	"	3-3.5	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	495
	"	4-4.5	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6770
AH-5 (Area of SW-35)	9/16/2021	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	18.0
	"	1-1.5	X		<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	15.2
	"	2-2.5	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.2
	"	3-3.5	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	13.4
	"	4-4.5	X		<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	13.6

Released to Imaging: 1/14/2022 2:45:36 PM
Received by OCD: 12/21/2021 3:26:13 PM

Table 3
EOG
Fox 30 State Com Facility
Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
AH-6 (Area of SW-37 and SW-38)	9/16/2021	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00199	0.00246	<0.00199	<0.00398	<0.00398	14.1
	"	1-1.5	X		<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	0.00693	0.00693	14.9
	"	2-2.5	X		<50.0	<50.0	<50.0	<50.0	0.00229	<0.00200	<0.00200	<0.00400	<0.00400	16.9
Trench-1	10/14/2021	0-1	X		<50.0	<50.0	56.1	56.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.42
	"	1.0	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	271
	"	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	12.8
	"	3.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	14.0
	"	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	13.5
	"	5.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	39.2
AH-7 (Area of SW-39)	9/16/2021	0-1	X		<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	33.3
	"	1-1.5	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	54.4
	"	2-2.5	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	64.4
	"	3-3.5	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	435
	"	4-4.5	X		<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1340
AH-8 (Area of SW-40)	9/16/2021	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	43.7
	"	1-1.5	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	40.7
	"	2-2.5	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	503
	"	3-3.5	X		<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	125
	"	4-4.5	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	0.00221	<0.00400	<0.00400	10.6
AH-9 (Area of SW-41)	9/16/2021	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	12.3
	"	1-1.5	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	12.4
	"	2-2.5	X		<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	9.92
	"	3-3.5	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.49
	"	4-4.5	X		<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	11.3
Horizontal-1	9/16/2021	0-0.5	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	8.61
Horizontal-2	9/16/2021	0-0.5	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	93.5
Horizontal-3	9/16/2021	0-0.5	X		<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.2
Horizontal-4	9/16/2021	0-0.5	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	12.7

Remediated

TETRA TECH

Photographic Documentation

EOG Resources
Fox 30 State Com Facility
Lea County, New Mexico

TETRA TECH



View of Remediation Activities – View South



View of Remediation Activities – View Southwest

EOG Resources
Fox 30 State Com Facility
Lea County, New Mexico

TETRA TECH



View of Remediation Activities – View Northwest



View of Remediation Activities – View Northwest

EOG Resources
Fox 30 State Com Facility
Lea County, New Mexico

TETRA TECH



View of Remediation Activities – View North



View of Remediation Activities – View West

EOG Resources
Fox 30 State Com Facility
Lea County, New Mexico

TETRA TECH



View of Remediation Activities – View Southeast



View of Remediation Activities – View West

EOG Resources
Fox 30 State Com Facility
Lea County, New Mexico

TETRA TECH



View of Remediation Activities – View East



View of Remediation Activities – View East

TETRA TECH

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	NRM2028258931
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)*
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.102669° Longitude -103.503188°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Fox 30 State Com Facility	Site Type Tank Battery
Date Release Discovered 9/29/20	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
H	30	25S	34E	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)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 1,200	Volume Recovered (bbls) 1,000
	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 operator arrived on location and discovered water on the lease road. The discharge hose on the transfer pump trailer parted at the flange pumping produced water into the lined containment. The water overflowed the containment on to the pad and off the pad in to the pasture. Approximately 1,200 bbls of produced water was released and 1,000 bbls recovered from inside the containment and on the ground.

State of New Mexico
Oil Conservation Division

Incident ID	NRM2028258931
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? More than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? E-mail notification to District 1 Spills Inbox on 10/1/20.	

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 not 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: Todd Wells Title: Environmental Specialist

Signature: Todd Wells Date: 10-8-20

email: Todd_Wells@eogresources.com Telephone: (432) 686-3613

OCD Only

Received by: Ramona Marcus Date: 10/8/2020

State of New Mexico
Oil Conservation Division

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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

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: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

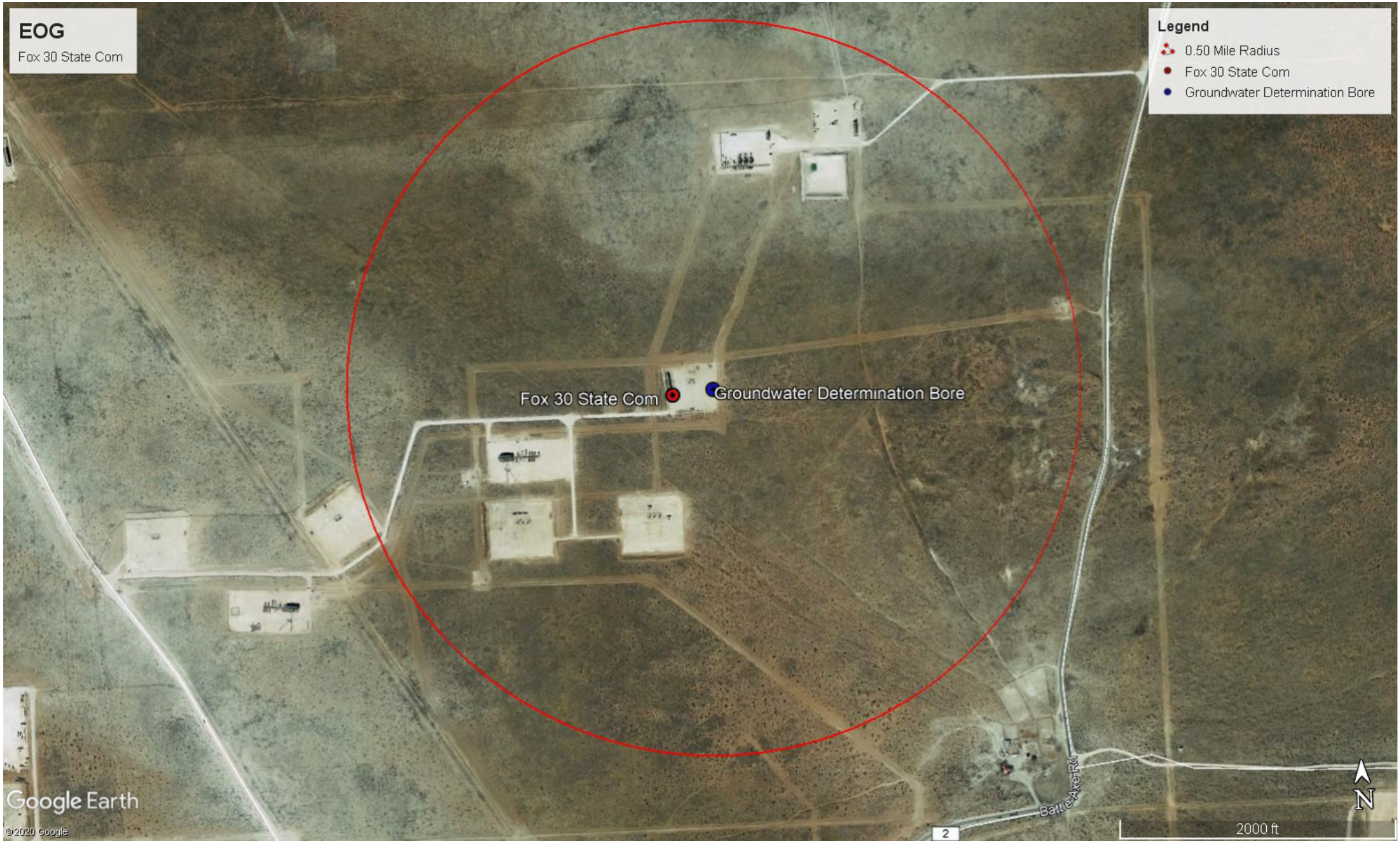
Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

TETRA TECH

Appendix B

Site Characterization Documents


EOG
Fox 30 State Com
Legend
0.50 Mile Radius
Fox 30 State Com
Groundwater Determination Bore
Fox 30 State Com
Groundwater Determination Bore
Battle Axe Rd
Google Earth
©2020 Google
2
2000 ft
N

SCARBOROUGH DRILLING, INC.
TEST HOLES • WATER WELLS
P.O. Box 305 - Ph. 806-872-3285 or 872-9349
LAMESA, TEXAS 79331
2001 South Hwy. 87

WELL LOG

From	To	FORMATION
0	6	Top Soil
6	18	Caliche
18	28	Sand
28	55	Red Shale &
		Red Clay
		BH-1
		EOG Fox 30
		Plugged w/ Hole Plug
		32.102785, -103.52190

Date 12-29-2020 Driller

GIBBS PRINTING CO. LAMESA, TX

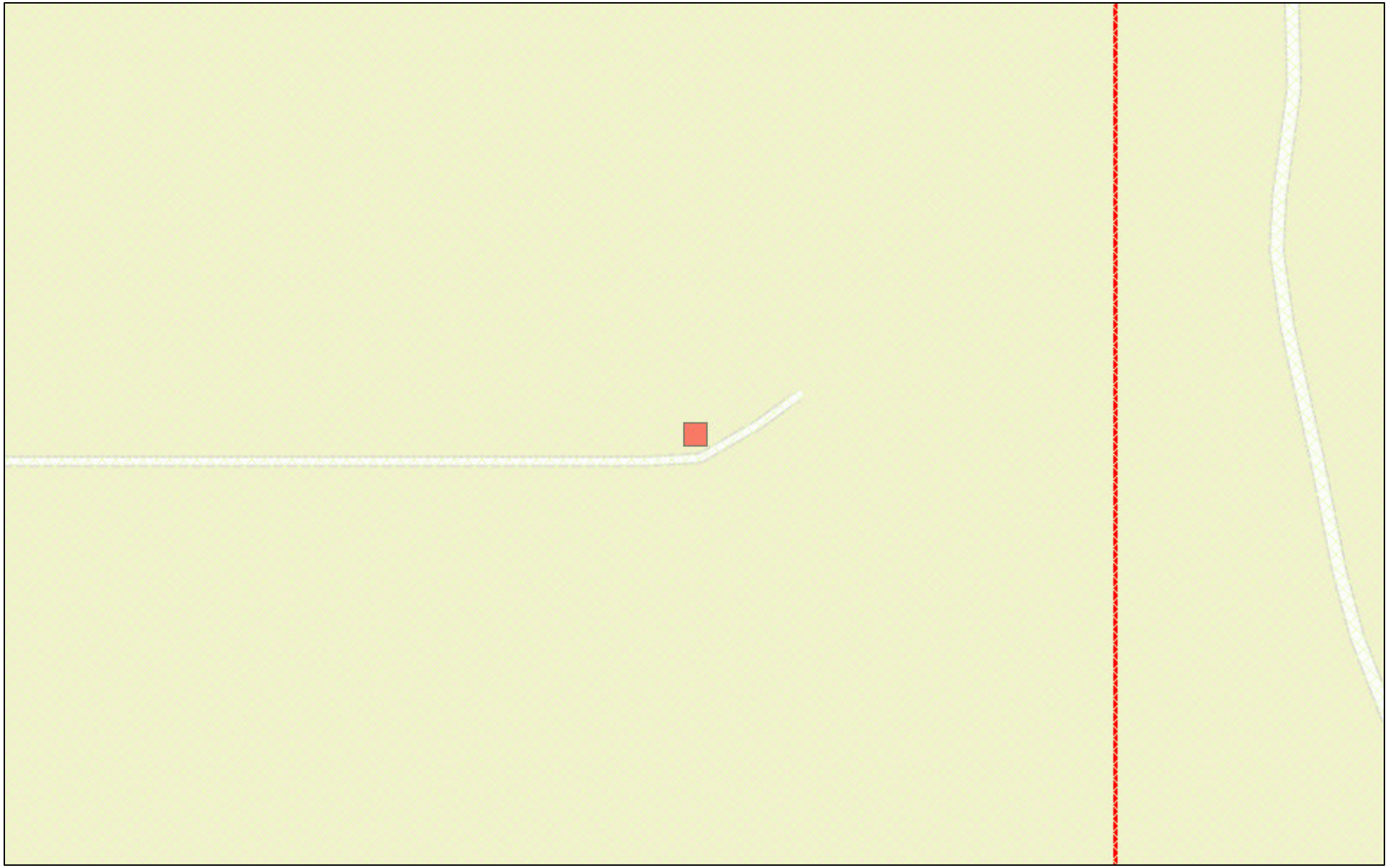
USGS science for a changing world

National Water Information System: Mapper



Site Information

New Mexico NFHL Data



October 20, 2020

1:4,514

0 0.0375 0.075 0.15 mi

0 0.05 0.1 0.2 km

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),

nmflood.org is made possible through a collaboration with NMDHSEM, EDAC, and FEMA
This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320523103294401

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320523103294401 25S.34E.29.343322

Lea County, New Mexico
Latitude 32°05'23", Longitude 103°29'44" NAD27
Land-surface elevation 3,321 feet above NAVD88
The depth of the well is 165 feet below land surface.
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	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1970-12-08		D	127.15			2		U		U	A
1976-01-08		D	127.49			2		U		U	A
1981-03-25		D	132.10			2		U		U	A
1986-03-12		D	130.23			2		U		U	A
1991-06-06		D	128.51			2		U		U	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

Released to Imaging: 1/14/2022 2:45:36 PM

U.S. Department of the Interior | U.S. Geological Survey
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: 2020-10-20 20:41:30 EDT
0.28 0.27 nadww01

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02299	CUB	LE	4	2	4	24	25S	34E	649517	3554125	350	300	50
C 02314	CUB	LE	2	4	2	15	25S	34E	646116	3556179	175	135	40
C 02315	CUB	LE	2	4	2	15	25S	34E	646095	3556194	175	135	40
C 02316	CUB	LE	3	4	3	29	25S	34E	642003	3551967*	100	50	50
C 02317	CUB	LE	3	4	3	29	25S	34E	642003	3551967*	100	50	50
C 02401	CUB	LE	2	2	1	01	25S	34E	648534	3559896*	275	260	15

Average Depth to Water: **155 feet**

Minimum Depth: **50 feet**

Maximum Depth: **300 feet**

Record Count: 6

PLSS Search:

Township: 25S **Range:** 34E

***UTM location was derived from PLSS - see Help**

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.

Low Karst

EOG Resources
Fox 30 State Com Facility

128

Legend
- CRIT
- Fox 30 State Com Facility
- HIGH
- LOW
- MEDIUM

Fox 30 State Com Facility

Google Earth

© 2020 Google

N

6 mi

Water Well Data
Average Depth to Groundwater (ft)
EOG - Fox 30 State Com Facility
Lea County, New Mexico

24 South 33 East

6	5	4	3	2	1
7	8	9	10 24.6	11	12
18	17	16	15	14	13
19	20	21	22	23 208	24 16.9
30	29	28	27	26	25
31	32	33 93.2	34	35	36

24 South 34 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

24 South 35 East

6	5	4	3	2	1
7	8	9	10 300	11	12
18	17	16	15	14	13
19	20 97	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

25 South 33 East

6	5	4	3 172	2	1
7	8	9	10	11 140	12 200
18	17	16	15	14	13
19	20 200	21 120	22	23	24
30	29	28	27 125	26	25
31 257	32	33	34	35	36

25 South 34 East

6	5	4	3	2	1 260 215
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24 300
30 Site	29 50 128	28	27	26	25 174
31	32	33	34	35	36

25 South 35 East

6	5 165	4	3 108	2	1
7	8	9	10	11	12
18 230	17	16	15	14	13
19	20	21 218	22	23	24
30 80	29	28	27	26	25
31	32	33	34	35	36

26 South 33 East

6	5	4	3 175	2	1
7	8	9	10	11 145	12 200
18	17	16	15	14 135	13
19	20	21 120	22	23	24
30	29	28	27 125	26	25
31	32	33	34	35	36

26 South 34 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

26 South 35 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

TETRA TECH

Appendix C

Laboratory Reports

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Certificate of Analysis Summary 675578

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:12
Project Manager: Jessica Kramer

Analysis Requested		675578-001		675578-002		675578-003		675578-004		675578-005		675578-006	
	Lab Id:	675578-001		675578-002		675578-003		675578-004		675578-005		675578-006	
	Field Id:	Horizontal-1 (0-1')		Horizontal-2 (0-1')		Horizontal-3 (0-1')		Horizontal-4 (0-1')		Horizontal-5 (0-1')		Horizontal-6 (0-1')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	10.21.2020 10:00		10.21.2020 10:00		10.21.2020 10:00		10.21.2020 10:00		10.21.2020 10:00		10.21.2020 10:00	
	Analyzed:	10.21.2020 12:21		10.21.2020 13:44		10.21.2020 14:04		10.21.2020 14:25		10.21.2020 14:45		10.21.2020 15:06	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198
Toluene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198
Ethylbenzene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198
m,p-Xylenes		<0.00402	0.00402	<0.00397	0.00397	<0.00399	0.00399	<0.00399	0.00399	<0.00399	0.00399	<0.00397	0.00397
o-Xylene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198
Total Xylenes		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198
Total BTEX		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.20.2020 16:00		10.20.2020 16:00		10.20.2020 16:00		10.20.2020 16:00		10.20.2020 16:00		10.20.2020 16:00	
	Analyzed:	10.20.2020 20:04		10.20.2020 20:20		10.20.2020 20:25		10.20.2020 20:30		10.20.2020 20:35		10.20.2020 20:51	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		12.2	5.00	9.93	5.03	13.3	4.98	82.2	5.05	168	4.98	58.4	5.00
TPH By SW8015 Mod	***Extracted:***	10.21.2020 08:00		10.21.2020 08:00		10.21.2020 08:00		10.21.2020 08:00		10.21.2020 08:00		10.21.2020 08:00	
	Analyzed:	10.21.2020 09:51		10.21.2020 10:48		10.21.2020 11:08		10.21.2020 11:27		10.21.2020 11:46		10.21.2020 12:25	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8
Total TPH		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8

BRL - Below Reporting Limit

Jessica Kramer

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

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Certificate of Analysis Summary 675578

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

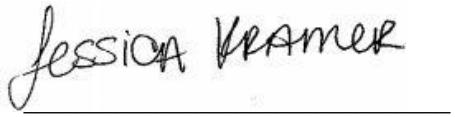
Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:12
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	675578-007		675578-008		675578-009		675578-010		675578-011		675578-012	
	Field Id:	Horizontal-7 (0-1')		Horizontal-8 (0-1')		Horizontal-9 (0-1')		Horizontal-10 (0-1')		Horizontal-11 (0-1')		Horizontal-12 (0-1')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	10.21.2020 10:00		10.21.2020 10:00		10.21.2020 10:00		10.21.2020 10:00		10.21.2020 10:00		10.21.2020 10:00	
	Analyzed:	10.21.2020 15:26		10.21.2020 15:46		10.21.2020 17:10		10.21.2020 17:30		10.21.2020 17:51		10.21.2020 18:11	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
Toluene		<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
Ethylbenzene		<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
m,p-Xylenes		<0.00396	0.00396	<0.00400	0.00400	<0.00403	0.00403	<0.00398	0.00398	<0.00401	0.00401	<0.00401	0.00401
o-Xylene		<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
Total Xylenes		<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
Total BTEX		<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.20.2020 16:00		10.20.2020 16:00		10.20.2020 16:00		10.20.2020 16:00		10.20.2020 16:00		10.20.2020 16:00	
	Analyzed:	10.20.2020 20:57		10.20.2020 21:02		10.20.2020 21:07		10.20.2020 21:12		10.20.2020 21:18		10.20.2020 21:33	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		23.2	5.00	64.6	5.02	150	4.96	24.7	5.04	13.3 X	5.00	13.2	5.04
TPH By SW8015 Mod	***Extracted:***	10.21.2020 08:00		10.21.2020 08:00		10.21.2020 08:00		10.21.2020 08:00		10.21.2020 08:00		10.21.2020 08:00	
	Analyzed:	10.21.2020 12:44		10.21.2020 13:04		10.21.2020 13:23		10.21.2020 13:43		10.21.2020 14:21		10.21.2020 14:41	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9
Total TPH		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9

BRL - Below Reporting Limit

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Certificate of Analysis Summary 675578

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:12
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	675578-013		675578-014		675578-015		675578-016		675578-017		675578-018	
	Field Id:	Horizontal-13 (0-1')		Horizontal-14 (0-1')		Horizontal-15 (0-1')		Horizontal-16 (0-1')		Horizontal-17 (0-1')		Horizontal-18 (0-1')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	10.21.2020 10:00		10.21.2020 10:00		10.21.2020 10:00		10.21.2020 10:00		10.21.2020 10:00		10.21.2020 10:00	
	Analyzed:	10.21.2020 18:32		10.21.2020 18:52		10.21.2020 19:12		10.21.2020 19:33		10.21.2020 19:53		10.21.2020 20:14	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00202	0.00202
Toluene		<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00202	0.00202
Ethylbenzene		<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00202	0.00202
m,p-Xylenes		<0.00398	0.00398	<0.00399	0.00399	<0.00402	0.00402	<0.00404	0.00404	<0.00401	0.00401	<0.00403	0.00403
o-Xylene		<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00202	0.00202
Total Xylenes		<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00202	0.00202
Total BTEX		<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00202	0.00202
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.20.2020 16:00		10.20.2020 16:00		10.20.2020 16:00		10.20.2020 16:00		10.20.2020 16:00		10.20.2020 16:00	
	Analyzed:	10.20.2020 21:39		10.20.2020 21:55		10.20.2020 22:00		10.20.2020 22:05		10.20.2020 22:16		10.20.2020 22:10	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		187	4.98	22.8	4.96	18.8	4.99	177	4.95	49.9	4.95	247	4.95
TPH By SW8015 Mod	***Extracted:***	10.21.2020 08:00		10.21.2020 08:00		10.21.2020 08:00		10.21.2020 08:00		10.21.2020 08:00		10.21.2020 08:00	
	Analyzed:	10.21.2020 15:00		10.21.2020 15:20		10.21.2020 15:39		10.21.2020 15:58		10.21.2020 16:18		10.21.2020 16:37	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.8	49.8	<49.9	49.9
Diesel Range Organics (DRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	130	49.9	<49.8	49.8	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	79.4	49.9	<49.8	49.8	<49.9	49.9
Total TPH		<49.8	49.8	<50.0	50.0	<49.9	49.9	209	49.9	<49.8	49.8	<49.9	49.9

BRL - Below Reporting Limit

Jessica Kramer

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Analytical Report 675578

for

Tetra Tech- Midland

Project Manager: Mike Carmona

Fox 30 State Com

212C-MD-02339

10.22.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)

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10.22.2020

Project Manager: **Mike Carmona**
Tetra Tech- Midland
901 West Wall ST
Midland, TX 79701

Reference: Eurofins Xenco, LLC Report No(s): **675578**
Fox 30 State Com
Project Address: Lea County, New Mexico

Mike Carmona:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 675578. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 675578 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Jessica Kramer

Jessica Kramer
Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

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Sample Cross Reference 675578

Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Horizontal-1 (0-1')	S	10.15.2020 00:00		675578-001
Horizontal-2 (0-1')	S	10.15.2020 00:00		675578-002
Horizontal-3 (0-1')	S	10.15.2020 00:00		675578-003
Horizontal-4 (0-1')	S	10.15.2020 00:00		675578-004
Horizontal-5 (0-1')	S	10.15.2020 00:00		675578-005
Horizontal-6 (0-1')	S	10.15.2020 00:00		675578-006
Horizontal-7 (0-1')	S	10.15.2020 00:00		675578-007
Horizontal-8 (0-1')	S	10.15.2020 00:00		675578-008
Horizontal-9 (0-1')	S	10.15.2020 00:00		675578-009
Horizontal-10 (0-1')	S	10.15.2020 00:00		675578-010
Horizontal-11 (0-1')	S	10.15.2020 00:00		675578-011
Horizontal-12 (0-1')	S	10.15.2020 00:00		675578-012
Horizontal-13 (0-1')	S	10.15.2020 00:00		675578-013
Horizontal-14 (0-1')	S	10.15.2020 00:00		675578-014
Horizontal-15 (0-1')	S	10.15.2020 00:00		675578-015
Horizontal-16 (0-1')	S	10.15.2020 00:00		675578-016
Horizontal-17 (0-1')	S	10.15.2020 00:00		675578-017
Horizontal-18 (0-1')	S	10.15.2020 00:00		675578-018

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CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: Fox 30 State Com

Project ID: *212C-MD-02339*
Work Order Number(s): *675578*

Report Date: *10.22.2020*
Date Received: *10.20.2020*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3140188 Inorganic Anions by EPA 300/300.1

Lab Sample ID 675578-011 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 675578-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018.

The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

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Certificate of Analytical Results 675578

Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id: **Horizontal-1 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-001 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**12.2**	5.00	mg/kg	10.20.2020 20:04		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.21.2020 09:51	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.21.2020 09:51	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.21.2020 09:51	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.21.2020 09:51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	10.21.2020 09:51	
o-Terphenyl	84-15-1	106	%	70-130	10.21.2020 09:51	

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Sample Id:	**Horizontal-1 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-001	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.21.2020 12:21	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.21.2020 12:21	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.21.2020 12:21	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.21.2020 12:21	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.21.2020 12:21	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.21.2020 12:21	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.21.2020 12:21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.21.2020 12:21	
4-Bromofluorobenzene	460-00-4	116	%	70-130	10.21.2020 12:21	

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Sample Id: **Horizontal-2 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-002 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**9.93**	5.03	mg/kg	10.20.2020 20:20		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.21.2020 10:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.21.2020 10:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.21.2020 10:48	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.21.2020 10:48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	10.21.2020 10:48	
o-Terphenyl	84-15-1	99	%	70-130	10.21.2020 10:48	

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Sample Id:	**Horizontal-2 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-002	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.21.2020 13:44	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.21.2020 13:44	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.21.2020 13:44	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.21.2020 13:44	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.21.2020 13:44	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.21.2020 13:44	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.21.2020 13:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	112	%	70-130	10.21.2020 13:44	
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.21.2020 13:44	

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Sample Id: **Horizontal-3 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-003 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**13.3**	4.98	mg/kg	10.20.2020 20:25		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.21.2020 11:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.21.2020 11:08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.21.2020 11:08	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.21.2020 11:08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	10.21.2020 11:08	
o-Terphenyl	84-15-1	104	%	70-130	10.21.2020 11:08	

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Sample Id:	**Horizontal-3 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-003	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.21.2020 14:04	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.21.2020 14:04	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.21.2020 14:04	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.21.2020 14:04	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.21.2020 14:04	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.21.2020 14:04	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.21.2020 14:04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	105	%	70-130	10.21.2020 14:04	
4-Bromofluorobenzene	460-00-4	109	%	70-130	10.21.2020 14:04	

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Tetra Tech- Midland, Midland, TX

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Sample Id: **Horizontal-4 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-004 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**82.2**	5.05	mg/kg	10.20.2020 20:30		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.21.2020 11:27	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.21.2020 11:27	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.21.2020 11:27	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.21.2020 11:27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	10.21.2020 11:27	
o-Terphenyl	84-15-1	115	%	70-130	10.21.2020 11:27	

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Sample Id:	**Horizontal-4 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-004	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.21.2020 14:25	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.21.2020 14:25	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.21.2020 14:25	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.21.2020 14:25	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.21.2020 14:25	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.21.2020 14:25	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.21.2020 14:25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.21.2020 14:25	
4-Bromofluorobenzene	460-00-4	112	%	70-130	10.21.2020 14:25	

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Sample Id:	**Horizontal-5 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-005	Date Collected:	10.15.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.20.2020 16:00	% Moisture:	
Seq Number:	3140188			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**168**	4.98	mg/kg	10.20.2020 20:35		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	10.21.2020 08:00	% Moisture:	
Seq Number:	3140312			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.21.2020 11:46	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.21.2020 11:46	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.21.2020 11:46	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.21.2020 11:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	10.21.2020 11:46	
o-Terphenyl	84-15-1	109	%	70-130	10.21.2020 11:46	

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Sample Id:	**Horizontal-5 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-005	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.21.2020 14:45	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.21.2020 14:45	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.21.2020 14:45	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.21.2020 14:45	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.21.2020 14:45	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.21.2020 14:45	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.21.2020 14:45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	110	%	70-130	10.21.2020 14:45	
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.21.2020 14:45	

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Sample Id: **Horizontal-6 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-006 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**58.4**	5.00	mg/kg	10.20.2020 20:51		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.21.2020 12:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.21.2020 12:25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.21.2020 12:25	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.21.2020 12:25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	10.21.2020 12:25	
o-Terphenyl	84-15-1	119	%	70-130	10.21.2020 12:25	

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Sample Id:	**Horizontal-6 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-006	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.21.2020 15:06	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.21.2020 15:06	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.21.2020 15:06	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.21.2020 15:06	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.21.2020 15:06	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.21.2020 15:06	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.21.2020 15:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	116	%	70-130	10.21.2020 15:06	
1,4-Difluorobenzene	540-36-3	104	%	70-130	10.21.2020 15:06	

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Sample Id:	**Horizontal-7 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-007	Date Collected:	10.15.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.20.2020 16:00	% Moisture:	
Seq Number:	3140188			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**23.2**	5.00	mg/kg	10.20.2020 20:57		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	10.21.2020 08:00	% Moisture:	
Seq Number:	3140312			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.21.2020 12:44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.21.2020 12:44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.21.2020 12:44	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.21.2020 12:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	10.21.2020 12:44	
o-Terphenyl	84-15-1	97	%	70-130	10.21.2020 12:44	

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Sample Id:	**Horizontal-7 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-007	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.21.2020 15:26	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.21.2020 15:26	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.21.2020 15:26	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.21.2020 15:26	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.21.2020 15:26	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.21.2020 15:26	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.21.2020 15:26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	113	%	70-130	10.21.2020 15:26	
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.21.2020 15:26	

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Sample Id: **Horizontal-8 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-008 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**64.6**	5.02	mg/kg	10.20.2020 21:02		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.21.2020 13:04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.21.2020 13:04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.21.2020 13:04	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.21.2020 13:04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-130	10.21.2020 13:04	
o-Terphenyl	84-15-1	93	%	70-130	10.21.2020 13:04	

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Sample Id:	**Horizontal-8 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-008	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.21.2020 15:46	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.21.2020 15:46	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.21.2020 15:46	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.21.2020 15:46	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.21.2020 15:46	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.21.2020 15:46	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.21.2020 15:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	70-130	10.21.2020 15:46	
1,4-Difluorobenzene	540-36-3	104	%	70-130	10.21.2020 15:46	

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Sample Id: **Horizontal-9 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-009 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**150**	4.96	mg/kg	10.20.2020 21:07		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.21.2020 13:23	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.21.2020 13:23	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.21.2020 13:23	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.21.2020 13:23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	10.21.2020 13:23	
o-Terphenyl	84-15-1	105	%	70-130	10.21.2020 13:23	

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Sample Id:	**Horizontal-9 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-009	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.21.2020 17:10	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.21.2020 17:10	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.21.2020 17:10	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.21.2020 17:10	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.21.2020 17:10	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.21.2020 17:10	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.21.2020 17:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	104	%	70-130	10.21.2020 17:10	
4-Bromofluorobenzene	460-00-4	108	%	70-130	10.21.2020 17:10	

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Sample Id: **Horizontal-10 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-010 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**24.7**	5.04	mg/kg	10.20.2020 21:12		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.21.2020 13:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.21.2020 13:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.21.2020 13:43	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.21.2020 13:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	10.21.2020 13:43	
o-Terphenyl	84-15-1	97	%	70-130	10.21.2020 13:43	

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Sample Id:	**Horizontal-10 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-010	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.21.2020 17:30	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.21.2020 17:30	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.21.2020 17:30	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.21.2020 17:30	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.21.2020 17:30	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.21.2020 17:30	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.21.2020 17:30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.21.2020 17:30	
4-Bromofluorobenzene	460-00-4	112	%	70-130	10.21.2020 17:30	

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Sample Id: **Horizontal-11 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-011 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**13.3**	5.00	mg/kg	10.20.2020 21:18	X	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.21.2020 14:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.21.2020 14:21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.21.2020 14:21	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.21.2020 14:21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	10.21.2020 14:21	
o-Terphenyl	84-15-1	98	%	70-130	10.21.2020 14:21	

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Sample Id:	**Horizontal-11 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-011	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.21.2020 17:51	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.21.2020 17:51	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.21.2020 17:51	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.21.2020 17:51	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.21.2020 17:51	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.21.2020 17:51	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.21.2020 17:51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	104	%	70-130	10.21.2020 17:51	
4-Bromofluorobenzene	460-00-4	111	%	70-130	10.21.2020 17:51	

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Sample Id: **Horizontal-12 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-012 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**13.2**	5.04	mg/kg	10.20.2020 21:33		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.21.2020 14:41	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.21.2020 14:41	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.21.2020 14:41	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.21.2020 14:41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	10.21.2020 14:41	
o-Terphenyl	84-15-1	97	%	70-130	10.21.2020 14:41	

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Sample Id:	**Horizontal-12 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-012	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.21.2020 18:11	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.21.2020 18:11	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.21.2020 18:11	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.21.2020 18:11	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.21.2020 18:11	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.21.2020 18:11	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.21.2020 18:11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.21.2020 18:11	
4-Bromofluorobenzene	460-00-4	110	%	70-130	10.21.2020 18:11	

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Sample Id: **Horizontal-13 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-013 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**187**	4.98	mg/kg	10.20.2020 21:39		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.21.2020 15:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.21.2020 15:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.21.2020 15:00	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.21.2020 15:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	10.21.2020 15:00	
o-Terphenyl	84-15-1	105	%	70-130	10.21.2020 15:00	

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Sample Id:	**Horizontal-13 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-013	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.21.2020 18:32	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.21.2020 18:32	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.21.2020 18:32	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.21.2020 18:32	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.21.2020 18:32	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.21.2020 18:32	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.21.2020 18:32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	110	%	70-130	10.21.2020 18:32	
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.21.2020 18:32	

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Sample Id: **Horizontal-14 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-014 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**22.8**	4.96	mg/kg	10.20.2020 21:55		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.21.2020 15:20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.21.2020 15:20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.21.2020 15:20	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.21.2020 15:20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	10.21.2020 15:20	
o-Terphenyl	84-15-1	98	%	70-130	10.21.2020 15:20	

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Sample Id:	**Horizontal-14 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-014	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.21.2020 18:52	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.21.2020 18:52	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.21.2020 18:52	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.21.2020 18:52	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.21.2020 18:52	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.21.2020 18:52	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.21.2020 18:52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.21.2020 18:52	
4-Bromofluorobenzene	460-00-4	111	%	70-130	10.21.2020 18:52	

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Sample Id: **Horizontal-15 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-015 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**18.8**	4.99	mg/kg	10.20.2020 22:00		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.21.2020 15:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.21.2020 15:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.21.2020 15:39	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.21.2020 15:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-130	10.21.2020 15:39	
o-Terphenyl	84-15-1	89	%	70-130	10.21.2020 15:39	

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Sample Id:	**Horizontal-15 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-015	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.21.2020 19:12	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.21.2020 19:12	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.21.2020 19:12	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.21.2020 19:12	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.21.2020 19:12	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.21.2020 19:12	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.21.2020 19:12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	88	%	70-130	10.21.2020 19:12	
4-Bromofluorobenzene	460-00-4	103	%	70-130	10.21.2020 19:12	

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Certificate of Analytical Results 675578

Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id: **Horizontal-16 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-016 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**177**	4.95	mg/kg	10.20.2020 22:05		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.21.2020 15:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	**130**	49.9	mg/kg	10.21.2020 15:58		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**79.4**	49.9	mg/kg	10.21.2020 15:58		1
Total TPH	PHC635	**209**	49.9	mg/kg	10.21.2020 15:58		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	10.21.2020 15:58	
o-Terphenyl	84-15-1	114	%	70-130	10.21.2020 15:58	

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Certificate of Analytical Results 675578

Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**Horizontal-16 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-016	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.21.2020 19:33	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.21.2020 19:33	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.21.2020 19:33	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	10.21.2020 19:33	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.21.2020 19:33	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.21.2020 19:33	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.21.2020 19:33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.21.2020 19:33	
4-Bromofluorobenzene	460-00-4	112	%	70-130	10.21.2020 19:33	

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Certificate of Analytical Results 675578

Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id: **Horizontal-17 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-017 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**49.9**	4.95	mg/kg	10.20.2020 22:16		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.21.2020 16:18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.21.2020 16:18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.21.2020 16:18	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.21.2020 16:18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	10.21.2020 16:18	
o-Terphenyl	84-15-1	99	%	70-130	10.21.2020 16:18	

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Certificate of Analytical Results 675578

Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**Horizontal-17 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-017	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.21.2020 19:53	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.21.2020 19:53	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.21.2020 19:53	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.21.2020 19:53	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.21.2020 19:53	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.21.2020 19:53	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.21.2020 19:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.21.2020 19:53	
4-Bromofluorobenzene	460-00-4	108	%	70-130	10.21.2020 19:53	

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Certificate of Analytical Results 675578

Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id: **Horizontal-18 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675578-018 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 16:00 % Moisture:

Seq Number: 3140188 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**247**	4.95	mg/kg	10.20.2020 22:10		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.21.2020 08:00 % Moisture:

Seq Number: 3140312 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.21.2020 16:37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.21.2020 16:37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.21.2020 16:37	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.21.2020 16:37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-130	10.21.2020 16:37	
o-Terphenyl	84-15-1	97	%	70-130	10.21.2020 16:37	

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Certificate of Analytical Results 675578

Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**Horizontal-18 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675578-018	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 10:00	% Moisture:	
Seq Number:	3140228			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.21.2020 20:14	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.21.2020 20:14	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.21.2020 20:14	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.21.2020 20:14	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.21.2020 20:14	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.21.2020 20:14	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.21.2020 20:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	70-130	10.21.2020 20:14	
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.21.2020 20:14	

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Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 675578

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Tetra Tech- Midland

Fox 30 State Com

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140188 — Matrix: Solid — Date Prep: 10.20.2020
MB Sample Id: 7713598-1-BLK — LCS Sample Id: 7713598-1-BKS — LCSD Sample Id: 7713598-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	253	101	252	101	90-110	0	20	mg/kg	10.20.2020 19:53	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140188 — Matrix: Soil — Date Prep: 10.20.2020
Parent Sample Id: 675578-001 — MS Sample Id: 675578-001 S — MSD Sample Id: 675578-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	12.2	250	275	105	275	105	90-110	0	20	mg/kg	10.20.2020 20:09	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140188 — Matrix: Soil — Date Prep: 10.20.2020
Parent Sample Id: 675578-011 — MS Sample Id: 675578-011 S — MSD Sample Id: 675578-011 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	13.3	250	288	110	290	111	90-110	1	20	mg/kg	10.20.2020 21:23	X

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3140312 — Matrix: Solid — Date Prep: 10.21.2020
MB Sample Id: 7713693-1-BLK — LCS Sample Id: 7713693-1-BKS — LCSD Sample Id: 7713693-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	944	94	962	96	70-130	2	20	mg/kg	10.21.2020 09:13	
Diesel Range Organics (DRO)	<50.0	1000	1020	102	1020	102	70-130	0	20	mg/kg	10.21.2020 09:13	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	101		113		119		70-130	%	10.21.2020 09:13
o-Terphenyl	117		121		117		70-130	%	10.21.2020 09:13

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3140312 — Matrix: Solid — Date Prep: 10.21.2020
MB Sample Id: 7713693-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.21.2020 08:53	

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

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QC Summary 675578

Tetra Tech- Midland

Fox 30 State Com

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3140312 Matrix: Soil Date Prep: 10.21.2020
Parent Sample Id: 675578-001 MS Sample Id: 675578-001 S MSD Sample Id: 675578-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	937	94	844	85	70-130	10	20	mg/kg	10.21.2020 10:10	
Diesel Range Organics (DRO)	<49.9	997	1010	101	903	91	70-130	11	20	mg/kg	10.21.2020 10:10	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	115		112		70-130	%	10.21.2020 10:10
o-Terphenyl	119		109		70-130	%	10.21.2020 10:10

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3140228 Matrix: Solid Date Prep: 10.21.2020
MB Sample Id: 7713652-1-BLK LCS Sample Id: 7713652-1-BKS LCSD Sample Id: 7713652-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.115	115	0.107	107	70-130	7	35	mg/kg	10.21.2020 09:59	
Toluene	<0.00200	0.100	0.104	104	0.0963	96	70-130	8	35	mg/kg	10.21.2020 09:59	
Ethylbenzene	<0.00200	0.100	0.106	106	0.0996	100	70-130	6	35	mg/kg	10.21.2020 09:59	
m,p-Xylenes	<0.00400	0.200	0.220	110	0.208	104	70-130	6	35	mg/kg	10.21.2020 09:59	
o-Xylene	<0.00200	0.100	0.109	109	0.102	102	70-130	7	35	mg/kg	10.21.2020 09:59	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	98		99		100		70-130	%	10.21.2020 09:59
4-Bromofluorobenzene	112		98		104		70-130	%	10.21.2020 09:59

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3140228 Matrix: Soil Date Prep: 10.21.2020
Parent Sample Id: 675578-001 MS Sample Id: 675578-001 S MSD Sample Id: 675578-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0996	0.0966	97	0.108	108	70-130	11	35	mg/kg	10.21.2020 10:40	
Toluene	<0.00199	0.0996	0.0843	85	0.109	109	70-130	26	35	mg/kg	10.21.2020 10:40	
Ethylbenzene	<0.00199	0.0996	0.0846	85	0.0987	99	70-130	15	35	mg/kg	10.21.2020 10:40	
m,p-Xylenes	<0.00398	0.199	0.175	88	0.204	102	70-130	15	35	mg/kg	10.21.2020 10:40	
o-Xylene	<0.00199	0.0996	0.0871	87	0.102	102	70-130	16	35	mg/kg	10.21.2020 10:40	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	100		98		70-130	%	10.21.2020 10:40
4-Bromofluorobenzene	102		102		70-130	%	10.21.2020 10:40

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

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Analysis Request of Chain of Custody Record

675578

Page 1 of 2

Tetra Tech, Inc.

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

Client Name: EOG	Site Manager: Mike Carmona
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02339
Invoice to: EOG- Todd Wells	
Receiving Laboratory: Xenco	Sampler Signature: John Thurston
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	Horizontal-1 (0-1')	10/15/2020			X				X			1	N	X		X												X							
	Horizontal-2 (0-1')	10/15/2020			X				X			1	N	X		X												X							
	Horizontal-3 (0-1')	10/15/2020			X				X			1	N	X		X												X							
	Horizontal-4 (0-1')	10/15/2020			X				X			1	N	X		X												X							
	Horizontal-5 (0-1')	10/15/2020			X				X			1	N	X		X												X							
	Horizontal-6 (0-1')	10/15/2020			X				X			1	N	X		X												X							
	Horizontal-7 (0-1')	10/15/2020			X				X			1	N	X		X												X							
	Horizontal-8 (0-1')	10/15/2020			X				X			1	N	X		X												X							
	Horizontal-9 (0-1')	10/15/2020			X				X			1	N	X		X												X							
	Horizontal-10 (0-1')	10/15/2020			X				X			1	N	X		X												X							

Relinquished by:	Date: 10/20	Time:
Received by:	Date: 10/20/20	Time: 13:20
Relinquished by:	Date:	Time:
Received by:	Date:	Time:
Relinquished by:	Date:	Time:
Received by:	Date:	Time:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB USE ONLY
Sample Temperature 2.9 / 3.4

REMARKS:
- [X] STANDARD
- [ ] 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

Received by OCD: 12/21/2021 3:46:13 PM
Released to Imaging: 1/14/2022 2:45:36 PM
Final 1.000
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Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

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

Client Name: EOG	Site Manager: Mike Carmona
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02339
Invoice to: EOG- Todd Wells	
Receiving Laboratory: Xenco	Sampler Signature: John Thurston
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	TIME	MATRIX WATER	SOIL		PRESERVATIVE METHOD HCL	HNO_3	ICE	None		# CONTAINERS	FILTERED (Y/N)
	Horizontal-11 (0-1')	10/15/2020			X				X			1	N
	Horizontal-12 (0-1')	10/15/2020			X				X			1	N
	Horizontal-13 (0-1')	10/15/2020			X				X			1	N
	Horizontal-14 (0-1')	10/15/2020			X				X			1	N
	Horizontal-15 (0-1')	10/15/2020			X				X			1	N
	Horizontal-16 (0-1')	10/15/2020			X				X			1	N
	Horizontal-17 (0-1')	10/15/2020			X				X			1	N
	Horizontal-18 (0-1')	10/15/2020			X				X			1	N

ANALYSIS REQUEST (Circle or Specify Method No.)

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

Relinquished by: Date: 10/20 Time:

Received by: Date: 10/20/20 Time: 13:20

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

LAB USE ONLY

Sample Temperature 2.9/3.4

REMARKS:

- [X] STANDARD
- [ ] 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

Received by OCD: 12/2/2021 3:26:13 PM
Released to Imaging: 1/14/2022 2:45:36 PM
Page 48 of 49
Final 1.000

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Date/ Time Received: 10.20.2020 01.26.00 PM

Work Order #: 675578

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR-8

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	3.4	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6*Custody Seals Signed and dated?	**Yes**	
#7 *Chain of Custody present?	**Yes**	
#8 Any missing/extra samples?	**No**	
#9 Chain of Custody signed when relinquished/ received?	**Yes**	
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**	
#11 Container label(s) legible and intact?	**Yes**	
#12 Samples in proper container/ bottle?	**Yes**	BTEX was in bulk container
#13 Samples properly preserved?	**Yes**	
#14 Sample container(s) intact?	**Yes**	
#15 Sufficient sample amount for indicated test(s)?	**Yes**	
#16 All samples received within hold time?	**Yes**	
#17 Subcontract of sample(s)?	**N/A**	
#18 Water VOC samples have zero headspace?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 10.20.2020
Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 10.21.2020
Jessica Kramer

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Certificate of Analysis Summary 675581

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:14
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	675581-001		675581-002		675581-003		675581-004		675581-005		675581-006	
	Field Id:	AH-1 (0-1')		AH-1 (1'-1.5')		AH-1 (2'-2.5')		AH-2 (0-1')		AH-2 (1'-1.5')		AH-2 (2'-2.5')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	10.21.2020 09:00						10.21.2020 09:00					
	Analyzed:	10.21.2020 15:54						10.21.2020 16:15					
	Units/RL:	mg/kg	RL					mg/kg	RL				
Benzene		<0.00202	0.00202					<0.00199	0.00199				
Toluene		<0.00202	0.00202					<0.00199	0.00199				
Ethylbenzene		<0.00202	0.00202					<0.00199	0.00199				
m,p-Xylenes		<0.00403	0.00403					<0.00398	0.00398				
o-Xylene		<0.00202	0.00202					<0.00199	0.00199				
Total Xylenes		<0.00202	0.00202					<0.00199	0.00199				
Total BTEX		<0.00202	0.00202					<0.00199	0.00199				
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.20.2020 17:00		10.20.2020 17:00		10.20.2020 17:00		10.20.2020 17:00		10.20.2020 17:00		10.20.2020 17:00	
	Analyzed:	10.20.2020 23:56		10.21.2020 00:01		10.21.2020 00:06		10.21.2020 00:12		10.21.2020 00:27		10.21.2020 00:33	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		15.9	4.96	9.62	5.01	10.3	4.95	4420	25.0	2880	25.0	3700	24.9
TPH By SW8015 Mod	***Extracted:***	10.20.2020 17:00						10.20.2020 17:00					
	Analyzed:	10.20.2020 19:14						10.20.2020 20:12					
	Units/RL:	mg/kg	RL					mg/kg	RL				
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0					<50.0	50.0				
Diesel Range Organics (DRO)		<50.0	50.0					<50.0	50.0				
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0					<50.0	50.0				
Total TPH		<50.0	50.0					<50.0	50.0				

BRL - Below Reporting Limit

Jessica Kramer

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Certificate of Analysis Summary 675581

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:14
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	675581-007		675581-008		675581-009		675581-010		675581-011		675581-012	
	Field Id:	AH-2 (3'-3.5')		AH-2 (4-4.5')		AH-3 (0-1')		AH-3 (1'-1.5')		AH-3 (2'-2.5')		AH-4 (0-1')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00	
BTEX by EPA 8021B	***Extracted:***					10.21.2020 09:00						10.21.2020 09:00	
	Analyzed:					10.21.2020 16:36						10.21.2020 16:58	
	Units/RL:					mg/kg	RL					mg/kg	RL
Benzene						<0.00200	0.00200					<0.00200	0.00200
Toluene						<0.00200	0.00200					<0.00200	0.00200
Ethylbenzene						<0.00200	0.00200					<0.00200	0.00200
m,p-Xylenes						<0.00400	0.00400					<0.00399	0.00399
o-Xylene						<0.00200	0.00200					<0.00200	0.00200
Total Xylenes						<0.00200	0.00200					<0.00200	0.00200
Total BTEX						<0.00200	0.00200					<0.00200	0.00200
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.20.2020 17:00		10.20.2020 17:00		10.20.2020 17:00		10.20.2020 17:00		10.20.2020 17:00		10.20.2020 17:00	
	Analyzed:	10.21.2020 00:49		10.21.2020 00:54		10.21.2020 00:59		10.21.2020 01:04		10.21.2020 01:10		10.21.2020 01:15	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		255	4.99	169	4.95	1380	24.8	13.0	5.04	10.4	5.00	2010	25.0
TPH By SW8015 Mod	***Extracted:***					10.20.2020 17:00						10.20.2020 17:00	
	Analyzed:					10.20.2020 20:31						10.20.2020 20:51	
	Units/RL:					mg/kg	RL					mg/kg	RL
Gasoline Range Hydrocarbons (GRO)						<50.0	50.0					<49.9	49.9
Diesel Range Organics (DRO)						<50.0	50.0					<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)						<50.0	50.0					<49.9	49.9
Total TPH						<50.0	50.0					<49.9	49.9

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Certificate of Analysis Summary 675581

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:14
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	675581-013		675581-014		675581-015		675581-016		675581-017		675581-018	
	Field Id:	AH-4 (1'-1.5')		AH-4 (2'-2.5')		AH-5 (0-1')		AH-5 (1-1.5')		AH-5 (2'-2.5')		AH-6 (0-1')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00	
BTEX by EPA 8021B	***Extracted:***					10.21.2020 09:00						10.21.2020 09:00	
	Analyzed:					10.21.2020 17:19						10.21.2020 17:40	
	Units/RL:					mg/kg	RL					mg/kg	RL
Benzene						<0.00198	0.00198					<0.00198	0.00198
Toluene						<0.00198	0.00198					<0.00198	0.00198
Ethylbenzene						<0.00198	0.00198					<0.00198	0.00198
m,p-Xylenes						<0.00397	0.00397					<0.00396	0.00396
o-Xylene						<0.00198	0.00198					<0.00198	0.00198
Total Xylenes						<0.00198	0.00198					<0.00198	0.00198
Total BTEX						<0.00198	0.00198					<0.00198	0.00198
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.20.2020 17:00		10.20.2020 18:15		10.20.2020 18:15		10.20.2020 18:15		10.20.2020 18:15		10.20.2020 18:15	
	Analyzed:	10.21.2020 01:20		10.20.2020 21:01		10.20.2020 21:20		10.20.2020 21:27		10.20.2020 21:33		10.20.2020 21:39	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		36.0	5.05	12.0	5.05	2860	25.0	11.2	4.95	<4.95	4.95	883	5.04
TPH By SW8015 Mod	***Extracted:***					10.20.2020 17:00						10.20.2020 17:00	
	Analyzed:					10.20.2020 21:10						10.20.2020 21:29	
	Units/RL:					mg/kg	RL					mg/kg	RL
Gasoline Range Hydrocarbons (GRO)						<49.8	49.8					<50.0	50.0
Diesel Range Organics (DRO)						<49.8	49.8					<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)						<49.8	49.8					<50.0	50.0
Total TPH						<49.8	49.8					<50.0	50.0

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Certificate of Analysis Summary 675581

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:14
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	675581-019		675581-020		675581-021		675581-022		675581-023		675581-024	
	Field Id:	AH-6 (1'-1.5')		AH-6 (2'-2.5')		AH-7 (0-1')		AH-7 (1'-1.5')		AH-7 (2'-2.5')		AH-8 (0-1')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00		10.16.2020 00:00	
BTEX by EPA 8021B	***Extracted:***					10.21.2020 09:00						10.21.2020 09:00	
	Analyzed:					10.21.2020 19:21						10.21.2020 19:42	
	Units/RL:					mg/kg	RL					mg/kg	RL
Benzene						<0.00200	0.00200					<0.00200	0.00200
Toluene						<0.00200	0.00200					<0.00200	0.00200
Ethylbenzene						<0.00200	0.00200					<0.00200	0.00200
m,p-Xylenes						<0.00399	0.00399					<0.00400	0.00400
o-Xylene						<0.00200	0.00200					<0.00200	0.00200
Total Xylenes						<0.00200	0.00200					<0.00200	0.00200
Total BTEX						<0.00200	0.00200					<0.00200	0.00200
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.20.2020 18:15		10.20.2020 18:15		10.20.2020 18:15		10.20.2020 18:15		10.20.2020 18:15		10.20.2020 18:15	
	Analyzed:	10.20.2020 21:58		10.20.2020 22:05		10.20.2020 22:11		10.20.2020 22:17		10.20.2020 22:24		10.20.2020 22:30	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		13.4	4.98	43.1	5.00	1070	5.03	198	4.96	284	4.99	590	5.00
TPH By SW8015 Mod	***Extracted:***					10.20.2020 17:00						10.20.2020 17:00	
	Analyzed:					10.20.2020 21:48						10.20.2020 22:08	
	Units/RL:					mg/kg	RL					mg/kg	RL
Gasoline Range Hydrocarbons (GRO)						<49.9	49.9					<50.0	50.0
Diesel Range Organics (DRO)						<49.9	49.9					<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)						<49.9	49.9					<50.0	50.0
Total TPH						<49.9	49.9					<50.0	50.0

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Certificate of Analysis Summary 675581

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:14
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	675581-025		675581-026		675581-027		675581-028		675581-029		675581-030	
	Field Id:	AH-8 (1'-1.5')		AH-8 (2'-2.5')		AH-9 (0-1')		AH-9 (1'-1.5')		AH-9 (2'-2.5')		AH-9 (3'-3.5')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.16.2020 00:00		10.16.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00	
BTEX by EPA 8021B	***Extracted:***					10.21.2020 09:00							
	Analyzed:					10.21.2020 20:03							
	Units/RL:					mg/kg	RL						
Benzene						<0.00202	0.00202						
Toluene						<0.00202	0.00202						
Ethylbenzene						<0.00202	0.00202						
m,p-Xylenes						<0.00404	0.00404						
o-Xylene						<0.00202	0.00202						
Total Xylenes						<0.00202	0.00202						
Total BTEX						<0.00202	0.00202						
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.20.2020 18:15		10.20.2020 18:15		10.20.2020 18:15		10.20.2020 18:15		10.20.2020 18:15		10.20.2020 18:15	
	Analyzed:	10.20.2020 22:49		10.20.2020 22:55		10.20.2020 23:14		10.20.2020 23:21		10.20.2020 23:27		10.20.2020 23:33	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		78.2	5.02	66.1	4.98	4000	25.0	216	5.04	156	4.99	98.7	4.97
TPH By SW8015 Mod	***Extracted:***					10.20.2020 17:00							
	Analyzed:					10.20.2020 22:27							
	Units/RL:					mg/kg	RL						
Gasoline Range Hydrocarbons (GRO)						<50.0	50.0						
Diesel Range Organics (DRO)						<50.0	50.0						
Motor Oil Range Hydrocarbons (MRO)						<50.0	50.0						
Total TPH						<50.0	50.0						

BRL - Below Reporting Limit

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Jessica Kramer

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Certificate of Analysis Summary 675581

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:14
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	675581-031		675581-032		675581-033		675581-034		675581-035		675581-036	
	Field Id:	AH-10 (0-1')		AH-10 (1'-1.5')		AH-10 (2'-2.5')		AH-10 (3'-3.5')		AH-11 (0-1')		AH-11 (1'-1.5')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	10.21.2020 09:00								10.21.2020 09:00			
	Analyzed:	10.21.2020 20:24								10.21.2020 20:44			
	Units/RL:	mg/kg	RL							mg/kg	RL		
Benzene		<0.00201	0.00201							<0.00201	0.00201		
Toluene		<0.00201	0.00201							<0.00201	0.00201		
Ethylbenzene		<0.00201	0.00201							<0.00201	0.00201		
m,p-Xylenes		<0.00402	0.00402							<0.00402	0.00402		
o-Xylene		<0.00201	0.00201							<0.00201	0.00201		
Total Xylenes		<0.00201	0.00201							<0.00201	0.00201		
Total BTEX		<0.00201	0.00201							<0.00201	0.00201		
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.20.2020 18:15		10.20.2020 18:15		10.20.2020 18:15		10.21.2020 10:45		10.21.2020 10:45		10.21.2020 10:45	
	Analyzed:	10.20.2020 23:40		10.20.2020 23:46		10.20.2020 23:53		10.21.2020 11:19		10.21.2020 11:35		10.21.2020 11:40	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		2380	25.0	114	5.03	40.3	4.95	32.1	4.98	2360	25.1	47.2	4.99
TPH By SW8015 Mod	***Extracted:***	10.20.2020 17:00								10.20.2020 17:00			
	Analyzed:	10.20.2020 22:46								10.20.2020 23:24			
	Units/RL:	mg/kg	RL							mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9							<49.8	49.8		
Diesel Range Organics (DRO)		<49.9	49.9							<49.8	49.8		
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9							<49.8	49.8		
Total TPH		<49.9	49.9							<49.8	49.8		

BRL - Below Reporting Limit

Jessica Kramer

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Certificate of Analysis Summary 675581

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:14
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	675581-037		675581-038		675581-039		675581-040		675581-041		675581-042	
	Field Id:	AH-11 (2'-2.5')		AH-11 (3'-3.5')		AH-12 (0-1')		AH-12 (1'-1.5')		AH-12 (2'-2.5')		AH-12 (3'-3.5')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00	
BTEX by EPA 8021B	***Extracted:***					10.21.2020 09:00							
	Analyzed:					10.21.2020 21:05							
	Units/RL:					mg/kg	RL						
Benzene						<0.00201	0.00201						
Toluene						<0.00201	0.00201						
Ethylbenzene						<0.00201	0.00201						
m,p-Xylenes						<0.00402	0.00402						
o-Xylene						<0.00201	0.00201						
Total Xylenes						<0.00201	0.00201						
Total BTEX						<0.00201	0.00201						
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.21.2020 10:45		10.21.2020 10:45		10.21.2020 10:45		10.21.2020 10:45		10.21.2020 10:45		10.21.2020 10:45	
	Analyzed:	10.21.2020 11:46		10.21.2020 11:51		10.21.2020 12:07		10.21.2020 12:17		10.21.2020 12:12		10.21.2020 12:22	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		39.7	5.04	69.1	4.98	51.0	4.95	35.7	5.00	25.4	5.02	47.5	5.05
TPH By SW8015 Mod	***Extracted:***					10.20.2020 17:00							
	Analyzed:					10.20.2020 23:43							
	Units/RL:					mg/kg	RL						
Gasoline Range Hydrocarbons (GRO)						<50.0	50.0						
Diesel Range Organics (DRO)						<50.0	50.0						
Motor Oil Range Hydrocarbons (MRO)						<50.0	50.0						
Total TPH						<50.0	50.0						

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Jessica Kramer

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Certificate of Analysis Summary 675581

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:14
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	675581-043		675581-044		675581-045		675581-046		675581-047		675581-048	
	Field Id:	AH-13 (0-1')		AH-13 (1'-1.5')		AH-13 (2'-2.5')		AH-13 (3'-3.5')		AH-14 (0-1')		AH-14 (1'-1.5')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	10.21.2020 09:00								10.21.2020 09:00			
	Analyzed:	10.21.2020 21:26								10.21.2020 21:47			
	Units/RL:	mg/kg	RL							mg/kg	RL		
Benzene		<0.00199	0.00199							<0.00198	0.00198		
Toluene		<0.00199	0.00199							<0.00198	0.00198		
Ethylbenzene		<0.00199	0.00199							<0.00198	0.00198		
m,p-Xylenes		<0.00398	0.00398							<0.00396	0.00396		
o-Xylene		<0.00199	0.00199							<0.00198	0.00198		
Total Xylenes		<0.00199	0.00199							<0.00198	0.00198		
Total BTEX		<0.00199	0.00199							<0.00198	0.00198		
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.21.2020 10:45		10.21.2020 10:45		10.21.2020 10:45		10.21.2020 10:45		10.21.2020 10:45		10.21.2020 10:45	
	Analyzed:	10.21.2020 12:28		10.21.2020 12:33		10.21.2020 12:49		10.21.2020 12:54		10.21.2020 13:10		10.21.2020 13:15	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		2480	24.8	2820	25.0	2930	25.2	4090	24.9	521	4.99	81.3	4.95
TPH By SW8015 Mod	***Extracted:***	10.20.2020 17:00								10.20.2020 17:00			
	Analyzed:	10.21.2020 00:02								10.21.2020 00:21			
	Units/RL:	mg/kg	RL							mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0							<49.9	49.9		
Diesel Range Organics (DRO)		<50.0	50.0							<49.9	49.9		
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0							<49.9	49.9		
Total TPH		<50.0	50.0							<49.9	49.9		

BRL - Below Reporting Limit

Jessica Kramer

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

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Certificate of Analysis Summary 675581

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:14
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	675581-049		675581-050		675581-051		675581-052		675581-053		675581-054	
	Field Id:	AH-14 (2'-2.5')		AH-14 (3'-3.5')		AH-15 (0-1')		AH-15 (1'-1.5')		AH-15 (2'-2.5')		AH-15 (3'-3.5')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00	
BTEX by EPA 8021B	***Extracted:***					10.21.2020 09:00							
	Analyzed:					10.21.2020 22:07							
	Units/RL:					mg/kg	RL						
Benzene						<0.00201	0.00201						
Toluene						<0.00201	0.00201						
Ethylbenzene						0.00233	0.00201						
m,p-Xylenes						<0.00402	0.00402						
o-Xylene						<0.00201	0.00201						
Total Xylenes						<0.00201	0.00201						
Total BTEX						0.00233	0.00201						
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.21.2020 10:45		10.21.2020 10:45		10.21.2020 10:45		10.21.2020 10:45		10.21.2020 10:45		10.21.2020 12:20	
	Analyzed:	10.21.2020 13:20		10.21.2020 13:26		10.21.2020 13:31		10.21.2020 13:36		10.21.2020 13:41		10.21.2020 14:13	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		71.4	4.95	262	5.03	3920	25.0	73.9	5.00	96.7	5.00	217	5.00
TPH By SW8015 Mod	***Extracted:***					10.20.2020 17:00							
	Analyzed:					10.21.2020 00:40							
	Units/RL:					mg/kg	RL						
Gasoline Range Hydrocarbons (GRO)						<49.8	49.8						
Diesel Range Organics (DRO)						<49.8	49.8						
Motor Oil Range Hydrocarbons (MRO)						<49.8	49.8						
Total TPH						<49.8	49.8						

BRL - Below Reporting Limit

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Certificate of Analysis Summary 675581

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:14
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	675581-055		675581-056		675581-057		675581-058		675581-059		675581-060	
	Field Id:	AH-16 (0-1')		AH-16 (1'-1.5')		AH-16 (2'-2.5')		AH-16 (3'-3.5')		AH-17 (0-1')		AH-17 (1'-1.5')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	10.21.2020 09:00								10.21.2020 16:00			
	Analyzed:	10.21.2020 22:28								10.21.2020 23:37			
	Units/RL:	mg/kg	RL							mg/kg	RL		
Benzene		<0.00200	0.00200							<0.00201	0.00201		
Toluene		<0.00200	0.00200							<0.00201	0.00201		
Ethylbenzene		<0.00200	0.00200							<0.00201	0.00201		
m,p-Xylenes		<0.00400	0.00400							<0.00402	0.00402		
o-Xylene		<0.00200	0.00200							<0.00201	0.00201		
Total Xylenes		<0.00200	0.00200							<0.00201	0.00201		
Total BTEX		<0.00200	0.00200							<0.00201	0.00201		
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.21.2020 12:20		10.21.2020 12:20		10.21.2020 12:20		10.21.2020 12:20		10.21.2020 12:20		10.21.2020 12:20	
	Analyzed:	10.21.2020 14:29		10.21.2020 14:34		10.21.2020 14:39		10.21.2020 14:45		10.21.2020 15:01		10.21.2020 15:06	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		352	4.95	29.2	5.03	17.5	4.99	62.0	4.98	24.0	4.95	11.6	5.03
TPH By SW8015 Mod	***Extracted:***	10.20.2020 17:00								10.20.2020 17:00			
	Analyzed:	10.21.2020 00:59								10.21.2020 01:18			
	Units/RL:	mg/kg	RL							mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9							<50.0	50.0		
Diesel Range Organics (DRO)		<49.9	49.9							<50.0	50.0		
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9							<50.0	50.0		
Total TPH		<49.9	49.9							<50.0	50.0		

BRL - Below Reporting Limit

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Certificate of Analysis Summary 675581

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:14
Project Manager: Jessica Kramer

Analysis Requested		675581-061		675581-062		675581-063		675581-064		675581-065		675581-066	
	Lab Id:	675581-061		675581-062		675581-063		675581-064		675581-065		675581-066	
	Field Id:	AH-17 (2'-2.5')		AH-17 (3'-3.5')		AH-18 (0-1')		AH-18 (1'-1.5')		AH-18 (2'-.5')		AH-18 (3'-3.5')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00	
BTEX by EPA 8021B	***Extracted:***					10.21.2020 16:00							
	Analyzed:					10.22.2020 02:01							
	Units/RL:					mg/kg	RL						
Benzene						<0.00200	0.00200						
Toluene						<0.00200	0.00200						
Ethylbenzene						<0.00200	0.00200						
m,p-Xylenes						<0.00399	0.00399						
o-Xylene						<0.00200	0.00200						
Total Xylenes						<0.00200	0.00200						
Total BTEX						<0.00200	0.00200						
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.21.2020 12:20		10.21.2020 12:20		10.21.2020 12:20		10.21.2020 12:20		10.21.2020 12:20		10.21.2020 12:20	
	Analyzed:	10.21.2020 15:11		10.21.2020 15:16		10.21.2020 15:22		10.21.2020 15:27		10.21.2020 15:43		10.21.2020 15:48	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		12.8	4.98	18.4	5.00	2520	25.3	2930	25.1	2820	24.8	4860	24.8
TPH By SW8015 Mod	***Extracted:***					10.20.2020 17:00							
	Analyzed:					10.21.2020 01:36							
	Units/RL:					mg/kg	RL						
Gasoline Range Hydrocarbons (GRO)						<50.0	50.0						
Diesel Range Organics (DRO)						<50.0	50.0						
Motor Oil Range Hydrocarbons (MRO)						<50.0	50.0						
Total TPH						<50.0	50.0						

BRL - Below Reporting Limit

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Certificate of Analysis Summary 675581

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:14
Project Manager: Jessica Kramer

Analysis Requested															
	Lab Id:	675581-067		675581-068		675581-069		675581-070		675581-071		675581-072	
	Field Id:	AH-18 (4'-4.5')		AH-19 (0-1')		AH-19 (1'-1.5')		AH-19 (2'-2.5')		AH-20 (0-1')		AH-20 (1'-1.5')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00	
BTEX by EPA 8021B	***Extracted:***			10.21.2020 16:00						10.21.2020 16:00			
	Analyzed:			10.22.2020 02:21						10.22.2020 02:42			
	Units/RL:			mg/kg	RL					mg/kg	RL		
Benzene				<0.00202	0.00202					<0.00200	0.00200		
Toluene				<0.00202	0.00202					<0.00200	0.00200		
Ethylbenzene				<0.00202	0.00202					<0.00200	0.00200		
m,p-Xylenes				<0.00403	0.00403					<0.00401	0.00401		
o-Xylene				<0.00202	0.00202					<0.00200	0.00200		
Total Xylenes				<0.00202	0.00202					<0.00200	0.00200		
Total BTEX				<0.00202	0.00202					<0.00200	0.00200		
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.21.2020 12:20		10.21.2020 12:20		10.21.2020 12:20		10.21.2020 12:20		10.21.2020 12:20		10.21.2020 12:20	
	Analyzed:	10.21.2020 16:04		10.21.2020 16:09		10.21.2020 16:15		10.21.2020 16:20		10.21.2020 16:25		10.21.2020 16:30	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		278	5.04	10.2	4.97	8.21	5.03	9.47	4.96	19.5	5.00	26.5	5.00
TPH By SW8015 Mod	***Extracted:***			10.20.2020 17:00						10.20.2020 17:00			
	Analyzed:			10.21.2020 01:55						10.21.2020 02:14			
	Units/RL:			mg/kg	RL					mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)				<49.9	49.9					<50.0	50.0		
Diesel Range Organics (DRO)				<49.9	49.9					<50.0	50.0		
Motor Oil Range Hydrocarbons (MRO)				<49.9	49.9					<50.0	50.0		
Total TPH				<49.9	49.9					<50.0	50.0		

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Jessica Kramer

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Certificate of Analysis Summary 675581

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:14
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	675581-073		675581-074		675581-075		675581-076		675581-077		675581-078	
	Field Id:	AH-20 (2'-2.5')		AH-20 (3'-3.5')		AH-21 (0-1')		AH-21 (1'-1.5')		AH-21 (2'-2.5')		AH-21 (3'-3.5')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00		10.15.2020 00:00	
BTEX by EPA 8021B	***Extracted:***					10.21.2020 16:00							
	Analyzed:					10.22.2020 03:02							
	Units/RL:					mg/kg	RL						
Benzene						<0.00199	0.00199						
Toluene						<0.00199	0.00199						
Ethylbenzene						<0.00199	0.00199						
m,p-Xylenes						<0.00398	0.00398						
o-Xylene						<0.00199	0.00199						
Total Xylenes						<0.00199	0.00199						
Total BTEX						<0.00199	0.00199						
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.21.2020 12:20		10.21.2020 16:00		10.21.2020 16:00		10.21.2020 16:00		10.21.2020 16:00		10.21.2020 16:00	
	Analyzed:	10.21.2020 16:36		10.21.2020 22:55		10.21.2020 23:11		10.21.2020 23:16		10.21.2020 23:21		10.21.2020 23:27	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		12.4	5.00	1310 X	5.02	1320	4.96	1370	5.04	1120	5.00	6210	49.9
TPH By SW8015 Mod	***Extracted:***					10.20.2020 17:00							
	Analyzed:					10.21.2020 06:39							
	Units/RL:					mg/kg	RL						
Gasoline Range Hydrocarbons (GRO)						<49.9	49.9						
Diesel Range Organics (DRO)						<49.9	49.9						
Motor Oil Range Hydrocarbons (MRO)						<49.9	49.9						
Total TPH						<49.9	49.9						

BRL - Below Reporting Limit

Jessica Kramer

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Certificate of Analysis Summary 675581

Tetra Tech- Midland, Midland, TX

Project Name: Fox 30 State Com

Project Id: 212C-MD-02339
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Tue 10.20.2020 13:26
Report Date: 10.22.2020 15:14
Project Manager: Jessica Kramer

Analysis Requested							
	Lab Id:	675581-079					
	Field Id:	AH-21 (4'-4.5')					
	Depth:						
	Matrix:	SOIL					
	Sampled:	10.15.2020 00:00					
Inorganic Anions by EPA 300/300.1	***Extracted:***	10.21.2020 16:00					
	Analyzed:	10.21.2020 23:42					
	Units/RL:	mg/kg	RL				
Chloride		3880	25.3				

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Analytical Report 675581

for

Tetra Tech- Midland

Project Manager: Mike Carmona

Fox 30 State Com

212C-MD-02339

10.22.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)

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10.22.2020

Project Manager: **Mike Carmona**
Tetra Tech- Midland
901 West Wall ST
Midland, TX 79701

Reference: Eurofins Xenco, LLC Report No(s): **675581**
Fox 30 State Com
Project Address: Lea County, New Mexico

Mike Carmona:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 675581. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 675581 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Jessica Kramer

Jessica Kramer
Project Manager

A Small Business and Minority Company

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Sample Cross Reference 675581

Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
AH-1 (0-1')	S	10.16.2020 00:00		675581-001
AH-1 (1'-1.5')	S	10.16.2020 00:00		675581-002
AH-1 (2'-2.5')	S	10.16.2020 00:00		675581-003
AH-2 (0-1')	S	10.16.2020 00:00		675581-004
AH-2 (1'-1.5')	S	10.16.2020 00:00		675581-005
AH-2 (2'-2.5')	S	10.16.2020 00:00		675581-006
AH-2 (3'-3.5')	S	10.16.2020 00:00		675581-007
AH-2 (4-4.5')	S	10.16.2020 00:00		675581-008
AH-3 (0-1')	S	10.16.2020 00:00		675581-009
AH-3 (1'-1.5')	S	10.16.2020 00:00		675581-010
AH-3 (2'-2.5')	S	10.16.2020 00:00		675581-011
AH-4 (0-1')	S	10.16.2020 00:00		675581-012
AH-4 (1'-1.5')	S	10.16.2020 00:00		675581-013
AH-4 (2'-2.5')	S	10.16.2020 00:00		675581-014
AH-5 (0-1')	S	10.16.2020 00:00		675581-015
AH-5 (1-1.5')	S	10.16.2020 00:00		675581-016
AH-5 (2'-2.5')	S	10.16.2020 00:00		675581-017
AH-6 (0-1')	S	10.16.2020 00:00		675581-018
AH-6 (1'-1.5')	S	10.16.2020 00:00		675581-019
AH-6 (2'-2.5')	S	10.16.2020 00:00		675581-020
AH-7 (0-1')	S	10.16.2020 00:00		675581-021
AH-7 (1'-1.5')	S	10.16.2020 00:00		675581-022
AH-7 (2'-2.5')	S	10.16.2020 00:00		675581-023
AH-8 (0-1')	S	10.16.2020 00:00		675581-024
AH-8 (1'-1.5')	S	10.16.2020 00:00		675581-025
AH-8 (2'-2.5')	S	10.16.2020 00:00		675581-026
AH-9 (0-1')	S	10.15.2020 00:00		675581-027
AH-9 (1'-1.5')	S	10.15.2020 00:00		675581-028
AH-9 (2'-2.5')	S	10.15.2020 00:00		675581-029
AH-9 (3'-3.5')	S	10.15.2020 00:00		675581-030
AH-10 (0-1')	S	10.15.2020 00:00		675581-031
AH-10 (1'-1.5')	S	10.15.2020 00:00		675581-032
AH-10 (2'-2.5')	S	10.15.2020 00:00		675581-033
AH-10 (3'-3.5')	S	10.15.2020 00:00		675581-034
AH-11 (0-1')	S	10.15.2020 00:00		675581-035
AH-11 (1'-1.5')	S	10.15.2020 00:00		675581-036
AH-11 (2'-2.5')	S	10.15.2020 00:00		675581-037
AH-11 (3'-3.5')	S	10.15.2020 00:00		675581-038
AH-12 (0-1')	S	10.15.2020 00:00		675581-039
AH-12 (1'-1.5')	S	10.15.2020 00:00		675581-040
AH-12 (2'-2.5')	S	10.15.2020 00:00		675581-041
AH-12 (3'-3.5')	S	10.15.2020 00:00		675581-042
AH-13 (0-1')	S	10.15.2020 00:00		675581-043

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Sample Cross Reference 675581

Tetra Tech- Midland, Midland, TX

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AH-13 (1'-1.5')	S	10.15.2020 00:00	675581-044
AH-13 (2'-2.5')	S	10.15.2020 00:00	675581-045
AH-13 (3'-3.5')	S	10.15.2020 00:00	675581-046
AH-14 (0-1')	S	10.15.2020 00:00	675581-047
AH-14 (1'-1.5')	S	10.15.2020 00:00	675581-048
AH-14 (2'-2.5')	S	10.15.2020 00:00	675581-049
AH-14 (3'-3.5')	S	10.15.2020 00:00	675581-050
AH-15 (0-1')	S	10.15.2020 00:00	675581-051
AH-15 (1'-1.5')	S	10.15.2020 00:00	675581-052
AH-15 (2'-2.5')	S	10.15.2020 00:00	675581-053
AH-15 (3'-3.5')	S	10.15.2020 00:00	675581-054
AH-16 (0-1')	S	10.15.2020 00:00	675581-055
AH-16 (1'-1.5')	S	10.15.2020 00:00	675581-056
AH-16 (2'-2.5')	S	10.15.2020 00:00	675581-057
AH-16 (3'-3.5')	S	10.15.2020 00:00	675581-058
AH-17 (0-1')	S	10.15.2020 00:00	675581-059
AH-17 (1'-1.5')	S	10.15.2020 00:00	675581-060
AH-17 (2'-2.5')	S	10.15.2020 00:00	675581-061
AH-17 (3'-3.5')	S	10.15.2020 00:00	675581-062
AH-18 (0-1')	S	10.15.2020 00:00	675581-063
AH-18 (1'-1.5')	S	10.15.2020 00:00	675581-064
AH-18 (2'-.5')	S	10.15.2020 00:00	675581-065
AH-18 (3'-3.5')	S	10.15.2020 00:00	675581-066
AH-18 (4'-4.5')	S	10.15.2020 00:00	675581-067
AH-19 (0-1')	S	10.15.2020 00:00	675581-068
AH-19 (1'-1.5')	S	10.15.2020 00:00	675581-069
AH-19 (2'-2.5')	S	10.15.2020 00:00	675581-070
AH-20 (0-1')	S	10.15.2020 00:00	675581-071
AH-20 (1'-1.5')	S	10.15.2020 00:00	675581-072
AH-20 (2'-2.5')	S	10.15.2020 00:00	675581-073
AH-20 (3'-3.5')	S	10.15.2020 00:00	675581-074
AH-21 (0-1')	S	10.15.2020 00:00	675581-075
AH-21 (1'-1.5')	S	10.15.2020 00:00	675581-076
AH-21 (2'-2.5')	S	10.15.2020 00:00	675581-077
AH-21 (3'-3.5')	S	10.15.2020 00:00	675581-078
AH-21 (4'-4.5')	S	10.15.2020 00:00	675581-079

CASE NARRATIVE

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Client Name: Tetra Tech- Midland

Project Name: Fox 30 State Com

Project ID: *212C-MD-02339*
Work Order Number(s): *675581*

Report Date: *10.22.2020*
Date Received: *10.20.2020*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3140233 TPH By SW8015 Mod

Surrogate o-Terphenyl recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 675581-018,675581-015.

Batch: LBA-3140290 BTEX by EPA 8021B

Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected.
Samples affected are: 675581-012,675581-051,675581-043.

Batch: LBA-3140296 Inorganic Anions by EPA 300/300.1

Lab Sample ID 675655-005 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 675581-074, -075, -076, -077, -078, -079.
The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

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Certificate of Analytical Results 675581

Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**AH-1 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-001	Date Collected:	10.16.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140193			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**15.9**	4.96	mg/kg	10.20.2020 23:56		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140233			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.20.2020 19:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.20.2020 19:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.20.2020 19:14	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.20.2020 19:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	112	%	70-130	10.20.2020 19:14	
o-Terphenyl	84-15-1	123	%	70-130	10.20.2020 19:14	

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**AH-1 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-001	Date Collected:	10.16.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.21.2020 15:54	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.21.2020 15:54	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.21.2020 15:54	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.21.2020 15:54	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.21.2020 15:54	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.21.2020 15:54	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.21.2020 15:54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	123	%	70-130	10.21.2020 15:54	
1,4-Difluorobenzene	540-36-3	89	%	70-130	10.21.2020 15:54	

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**AH-1 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-002	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140193			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**9.62**	5.01	mg/kg	10.21.2020 00:01		1

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**AH-1 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-003	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140193			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**10.3**	4.95	mg/kg	10.21.2020 00:06		1

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id: **AH-2 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675581-004 Date Collected: 10.16.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.20.2020 17:00 % Moisture:

Seq Number: 3140193 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**4420**	25.0	mg/kg	10.21.2020 00:12		5

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.20.2020 17:00 % Moisture:

Seq Number: 3140233 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.20.2020 20:12	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.20.2020 20:12	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.20.2020 20:12	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.20.2020 20:12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	10.20.2020 20:12	
o-Terphenyl	84-15-1	118	%	70-130	10.20.2020 20:12	

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**AH-2 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-004	Date Collected:	10.16.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.21.2020 16:15	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.21.2020 16:15	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.21.2020 16:15	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.21.2020 16:15	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.21.2020 16:15	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.21.2020 16:15	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.21.2020 16:15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	126	%	70-130	10.21.2020 16:15	
1,4-Difluorobenzene	540-36-3	92	%	70-130	10.21.2020 16:15	

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**AH-2 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-005	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140193			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2880**	25.0	mg/kg	10.21.2020 00:27		5

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**AH-2 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-006	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140193			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**3700**	24.9	mg/kg	10.21.2020 00:33		5

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**AH-2 (3'-3.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-007	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140193			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**255**	4.99	mg/kg	10.21.2020 00:49		1

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**AH-2 (4-4.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-008	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140193			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**169**	4.95	mg/kg	10.21.2020 00:54		1

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**AH-3 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-009	Date Collected:	10.16.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140193			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1380**	24.8	mg/kg	10.21.2020 00:59		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140233			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.20.2020 20:31	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.20.2020 20:31	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.20.2020 20:31	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.20.2020 20:31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	10.20.2020 20:31	
o-Terphenyl	84-15-1	119	%	70-130	10.20.2020 20:31	

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**AH-3 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-009	Date Collected:	10.16.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.21.2020 16:36	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.21.2020 16:36	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.21.2020 16:36	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.21.2020 16:36	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.21.2020 16:36	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.21.2020 16:36	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.21.2020 16:36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	89	%	70-130	10.21.2020 16:36	
4-Bromofluorobenzene	460-00-4	130	%	70-130	10.21.2020 16:36	

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**AH-3 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-010	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140193			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**13.0**	5.04	mg/kg	10.21.2020 01:04		1

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**AH-3 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-011	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140193			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**10.4**	5.00	mg/kg	10.21.2020 01:10		1

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**AH-4 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-012	Date Collected:	10.16.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140193			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2010**	25.0	mg/kg	10.21.2020 01:15		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140233			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.20.2020 20:51	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.20.2020 20:51	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.20.2020 20:51	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.20.2020 20:51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	113	%	70-130	10.20.2020 20:51	
o-Terphenyl	84-15-1	124	%	70-130	10.20.2020 20:51	

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Sample Id:	**AH-4 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-012	Date Collected:	10.16.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.21.2020 16:58	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.21.2020 16:58	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.21.2020 16:58	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.21.2020 16:58	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.21.2020 16:58	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.21.2020 16:58	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.21.2020 16:58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	131	%	70-130	10.21.2020 16:58	**
1,4-Difluorobenzene	540-36-3	93	%	70-130	10.21.2020 16:58	

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Sample Id:	**AH-4 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-013	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140193			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**36.0**	5.05	mg/kg	10.21.2020 01:20		1

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Sample Id:	**AH-4 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-014	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**12.0**	5.05	mg/kg	10.20.2020 21:01		1

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Sample Id:	**AH-5 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-015	Date Collected:	10.16.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2860**	25.0	mg/kg	10.20.2020 21:20		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140233			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.20.2020 21:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.20.2020 21:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.20.2020 21:10	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.20.2020 21:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	118	%	70-130	10.20.2020 21:10	
o-Terphenyl	84-15-1	132	%	70-130	10.20.2020 21:10	**

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Sample Id:	**AH-5 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-015	Date Collected:	10.16.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.21.2020 17:19	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.21.2020 17:19	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.21.2020 17:19	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.21.2020 17:19	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.21.2020 17:19	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.21.2020 17:19	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.21.2020 17:19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	94	%	70-130	10.21.2020 17:19	
4-Bromofluorobenzene	460-00-4	129	%	70-130	10.21.2020 17:19	

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Sample Id:	**AH-5 (1-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-016	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**11.2**	4.95	mg/kg	10.20.2020 21:27		1

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Sample Id:	**AH-5 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-017	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.95	4.95	mg/kg	10.20.2020 21:33	U	1

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Sample Id:	**AH-6 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-018	Date Collected:	10.16.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**883**	5.04	mg/kg	10.20.2020 21:39		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140233			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.20.2020 21:29	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.20.2020 21:29	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.20.2020 21:29	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.20.2020 21:29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	117	%	70-130	10.20.2020 21:29	
o-Terphenyl	84-15-1	132	%	70-130	10.20.2020 21:29	**

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Sample Id:	**AH-6 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-018	Date Collected:	10.16.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.21.2020 17:40	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.21.2020 17:40	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.21.2020 17:40	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.21.2020 17:40	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.21.2020 17:40	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.21.2020 17:40	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.21.2020 17:40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	129	%	70-130	10.21.2020 17:40	
1,4-Difluorobenzene	540-36-3	92	%	70-130	10.21.2020 17:40	

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Sample Id:	**AH-6 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-019	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**13.4**	4.98	mg/kg	10.20.2020 21:58		1

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Sample Id:	**AH-6 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-020	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**43.1**	5.00	mg/kg	10.20.2020 22:05		1

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Sample Id:	**AH-7 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-021	Date Collected:	10.16.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1070**	5.03	mg/kg	10.20.2020 22:11		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140233			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.20.2020 21:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.20.2020 21:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.20.2020 21:48	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.20.2020 21:48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	10.20.2020 21:48	
o-Terphenyl	84-15-1	116	%	70-130	10.20.2020 21:48	

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Sample Id:	**AH-7 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-021	Date Collected:	10.16.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.21.2020 19:21	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.21.2020 19:21	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.21.2020 19:21	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.21.2020 19:21	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.21.2020 19:21	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.21.2020 19:21	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.21.2020 19:21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	89	%	70-130	10.21.2020 19:21	
4-Bromofluorobenzene	460-00-4	125	%	70-130	10.21.2020 19:21	

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Sample Id:	**AH-7 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-022	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**198**	4.96	mg/kg	10.20.2020 22:17		1

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Sample Id:	**AH-7 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-023	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**284**	4.99	mg/kg	10.20.2020 22:24		1

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Sample Id: **AH-8 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675581-024 Date Collected: 10.16.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: SPC

Analyst: SPC Date Prep: 10.20.2020 18:15 % Moisture:

Seq Number: 3140198 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**590**	5.00	mg/kg	10.20.2020 22:30		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.20.2020 17:00 % Moisture:

Seq Number: 3140233 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.20.2020 22:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.20.2020 22:08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.20.2020 22:08	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.20.2020 22:08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	10.20.2020 22:08	
o-Terphenyl	84-15-1	115	%	70-130	10.20.2020 22:08	

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Sample Id:	**AH-8 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-024	Date Collected:	10.16.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.21.2020 19:42	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.21.2020 19:42	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.21.2020 19:42	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.21.2020 19:42	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.21.2020 19:42	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.21.2020 19:42	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.21.2020 19:42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	93	%	70-130	10.21.2020 19:42	
4-Bromofluorobenzene	460-00-4	113	%	70-130	10.21.2020 19:42	

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Sample Id:	**AH-8 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-025	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**78.2**	5.02	mg/kg	10.20.2020 22:49		1

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Sample Id:	**AH-8 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-026	Date Collected:	10.16.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**66.1**	4.98	mg/kg	10.20.2020 22:55		1

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id: **AH-9 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675581-027 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: SPC

Analyst: SPC Date Prep: 10.20.2020 18:15 % Moisture:

Seq Number: 3140198 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**4000**	25.0	mg/kg	10.20.2020 23:14		5

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.20.2020 17:00 % Moisture:

Seq Number: 3140233 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.20.2020 22:27	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.20.2020 22:27	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.20.2020 22:27	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.20.2020 22:27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	112	%	70-130	10.20.2020 22:27	
o-Terphenyl	84-15-1	126	%	70-130	10.20.2020 22:27	

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Sample Id:	**AH-9 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-027	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.21.2020 20:03	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.21.2020 20:03	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.21.2020 20:03	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	10.21.2020 20:03	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.21.2020 20:03	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.21.2020 20:03	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.21.2020 20:03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	116	%	70-130	10.21.2020 20:03	
1,4-Difluorobenzene	540-36-3	89	%	70-130	10.21.2020 20:03	

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Sample Id:	**AH-9 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-028	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**216**	5.04	mg/kg	10.20.2020 23:21		1

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Sample Id:	**AH-9 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-029	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**156**	4.99	mg/kg	10.20.2020 23:27		1

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Sample Id:	**AH-9 (3'-3.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-030	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**98.7**	4.97	mg/kg	10.20.2020 23:33		1

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Sample Id: **AH-10 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675581-031 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: SPC

Analyst: SPC Date Prep: 10.20.2020 18:15 % Moisture:

Seq Number: 3140198 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2380**	25.0	mg/kg	10.20.2020 23:40		5

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.20.2020 17:00 % Moisture:

Seq Number: 3140233 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.20.2020 22:46	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.20.2020 22:46	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.20.2020 22:46	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.20.2020 22:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	10.20.2020 22:46	
o-Terphenyl	84-15-1	108	%	70-130	10.20.2020 22:46	

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Sample Id:	**AH-10 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-031	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.21.2020 20:24	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.21.2020 20:24	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.21.2020 20:24	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.21.2020 20:24	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.21.2020 20:24	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.21.2020 20:24	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.21.2020 20:24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	113	%	70-130	10.21.2020 20:24	
1,4-Difluorobenzene	540-36-3	88	%	70-130	10.21.2020 20:24	

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Sample Id:	**AH-10 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-032	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**114**	5.03	mg/kg	10.20.2020 23:46		1

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Sample Id:	**AH-10 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-033	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	SPC				
Analyst:	SPC	Date Prep:	10.20.2020 18:15	% Moisture:	
Seq Number:	3140198			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**40.3**	4.95	mg/kg	10.20.2020 23:53		1

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Sample Id:	**AH-10 (3'-3.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-034	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**32.1**	4.98	mg/kg	10.21.2020 11:19		1

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Sample Id: **AH-11 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675581-035 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.21.2020 10:45 % Moisture:

Seq Number: 3140280 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2360**	25.1	mg/kg	10.21.2020 11:35		5

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.20.2020 17:00 % Moisture:

Seq Number: 3140233 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.20.2020 23:24	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.20.2020 23:24	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.20.2020 23:24	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.20.2020 23:24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	10.20.2020 23:24	
o-Terphenyl	84-15-1	114	%	70-130	10.20.2020 23:24	

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Sample Id:	**AH-11 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-035	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.21.2020 20:44	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.21.2020 20:44	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.21.2020 20:44	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.21.2020 20:44	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.21.2020 20:44	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.21.2020 20:44	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.21.2020 20:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	88	%	70-130	10.21.2020 20:44	
4-Bromofluorobenzene	460-00-4	123	%	70-130	10.21.2020 20:44	

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Sample Id:	**AH-11 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-036	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**47.2**	4.99	mg/kg	10.21.2020 11:40		1

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Sample Id:	**AH-11 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-037	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**39.7**	5.04	mg/kg	10.21.2020 11:46		1

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Sample Id:	**AH-11 (3'-3.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-038	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**69.1**	4.98	mg/kg	10.21.2020 11:51		1

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Sample Id: **AH-12 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675581-039 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.21.2020 10:45 % Moisture:

Seq Number: 3140280 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**51.0**	4.95	mg/kg	10.21.2020 12:07		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.20.2020 17:00 % Moisture:

Seq Number: 3140233 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.20.2020 23:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.20.2020 23:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.20.2020 23:43	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.20.2020 23:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	10.20.2020 23:43	
o-Terphenyl	84-15-1	105	%	70-130	10.20.2020 23:43	

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Sample Id:	**AH-12 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-039	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.21.2020 21:05	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.21.2020 21:05	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.21.2020 21:05	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.21.2020 21:05	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.21.2020 21:05	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.21.2020 21:05	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.21.2020 21:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	93	%	70-130	10.21.2020 21:05	
4-Bromofluorobenzene	460-00-4	128	%	70-130	10.21.2020 21:05	

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Sample Id:	**AH-12 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-040	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**35.7**	5.00	mg/kg	10.21.2020 12:17		1

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Sample Id:	**AH-12 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-041	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**25.4**	5.02	mg/kg	10.21.2020 12:12		1

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Sample Id:	**AH-12 (3'-3.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-042	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**47.5**	5.05	mg/kg	10.21.2020 12:22		1

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Sample Id:	**AH-13 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-043	Date Collected:	10.15.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2480**	24.8	mg/kg	10.21.2020 12:28		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140233			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.21.2020 00:02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.21.2020 00:02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.21.2020 00:02	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.21.2020 00:02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	10.21.2020 00:02	
o-Terphenyl	84-15-1	115	%	70-130	10.21.2020 00:02	

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Sample Id:	**AH-13 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-043	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.21.2020 21:26	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.21.2020 21:26	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.21.2020 21:26	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.21.2020 21:26	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.21.2020 21:26	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.21.2020 21:26	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.21.2020 21:26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	131	%	70-130	10.21.2020 21:26	**
1,4-Difluorobenzene	540-36-3	94	%	70-130	10.21.2020 21:26	

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Sample Id:	**AH-13 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-044	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2820**	25.0	mg/kg	10.21.2020 12:33		5

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Sample Id:	**AH-13 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-045	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2930**	25.2	mg/kg	10.21.2020 12:49		5

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Sample Id:	**AH-13 (3'-3.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-046	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**4090**	24.9	mg/kg	10.21.2020 12:54		5

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Sample Id: **AH-14 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675581-047 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.21.2020 10:45 % Moisture:

Seq Number: 3140280 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**521**	4.99	mg/kg	10.21.2020 13:10		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.20.2020 17:00 % Moisture:

Seq Number: 3140233 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.21.2020 00:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.21.2020 00:21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.21.2020 00:21	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.21.2020 00:21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-130	10.21.2020 00:21	
o-Terphenyl	84-15-1	122	%	70-130	10.21.2020 00:21	

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Sample Id:	**AH-14 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-047	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.21.2020 21:47	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.21.2020 21:47	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.21.2020 21:47	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.21.2020 21:47	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.21.2020 21:47	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.21.2020 21:47	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.21.2020 21:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	88	%	70-130	10.21.2020 21:47	
4-Bromofluorobenzene	460-00-4	122	%	70-130	10.21.2020 21:47	

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Sample Id:	**AH-14 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-048	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**81.3**	4.95	mg/kg	10.21.2020 13:15		1

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Sample Id:	**AH-14 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-049	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**71.4**	4.95	mg/kg	10.21.2020 13:20		1

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Sample Id:	**AH-14 (3'-3.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-050	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**262**	5.03	mg/kg	10.21.2020 13:26		1

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Sample Id:	**AH-15 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-051	Date Collected:	10.15.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**3920**	25.0	mg/kg	10.21.2020 13:31		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140233			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.21.2020 00:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.21.2020 00:40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.21.2020 00:40	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.21.2020 00:40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	113	%	70-130	10.21.2020 00:40	
o-Terphenyl	84-15-1	128	%	70-130	10.21.2020 00:40	

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Sample Id:	**AH-15 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-051	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.21.2020 22:07	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.21.2020 22:07	U	1
Ethylbenzene	100-41-4	**0.00233**	0.00201	mg/kg	10.21.2020 22:07		1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.21.2020 22:07	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.21.2020 22:07	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.21.2020 22:07	U	1
Total BTEX		**0.00233**	0.00201	mg/kg	10.21.2020 22:07		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	132	%	70-130	10.21.2020 22:07	**
1,4-Difluorobenzene	540-36-3	91	%	70-130	10.21.2020 22:07	

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Sample Id:	**AH-15 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-052	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**73.9**	5.00	mg/kg	10.21.2020 13:36		1

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Sample Id:	**AH-15 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-053	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 10:45	% Moisture:	
Seq Number:	3140280			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**96.7**	5.00	mg/kg	10.21.2020 13:41		1

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Sample Id:	**AH-15 (3'-3.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-054	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**217**	5.00	mg/kg	10.21.2020 14:13		1

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Sample Id:	**AH-16 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-055	Date Collected:	10.15.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**352**	4.95	mg/kg	10.21.2020 14:29		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	10.20.2020 17:00	% Moisture:	
Seq Number:	3140233			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.21.2020 00:59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.21.2020 00:59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.21.2020 00:59	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.21.2020 00:59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	10.21.2020 00:59	
o-Terphenyl	84-15-1	106	%	70-130	10.21.2020 00:59	

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Sample Id:	**AH-16 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-055	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 09:00	% Moisture:	
Seq Number:	3140290			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.21.2020 22:28	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.21.2020 22:28	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.21.2020 22:28	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.21.2020 22:28	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.21.2020 22:28	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.21.2020 22:28	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.21.2020 22:28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	123	%	70-130	10.21.2020 22:28	
1,4-Difluorobenzene	540-36-3	90	%	70-130	10.21.2020 22:28	

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Sample Id:	**AH-16 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-056	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**29.2**	5.03	mg/kg	10.21.2020 14:34		1

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Sample Id:	**AH-16 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-057	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**17.5**	4.99	mg/kg	10.21.2020 14:39		1

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Sample Id:	**AH-16 (3'-3.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-058	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**62.0**	4.98	mg/kg	10.21.2020 14:45		1

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Sample Id: **AH-17 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675581-059 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.21.2020 12:20 % Moisture:

Seq Number: 3140286 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**24.0**	4.95	mg/kg	10.21.2020 15:01		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.20.2020 17:00 % Moisture:

Seq Number: 3140233 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.21.2020 01:18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.21.2020 01:18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.21.2020 01:18	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.21.2020 01:18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-130	10.21.2020 01:18	
o-Terphenyl	84-15-1	102	%	70-130	10.21.2020 01:18	

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Sample Id:	**AH-17 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-059	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 16:00	% Moisture:	
Seq Number:	3140285			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.21.2020 23:37	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.21.2020 23:37	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.21.2020 23:37	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.21.2020 23:37	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.21.2020 23:37	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.21.2020 23:37	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.21.2020 23:37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	120	%	70-130	10.21.2020 23:37	
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.21.2020 23:37	

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Sample Id:	**AH-17 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-060	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**11.6**	5.03	mg/kg	10.21.2020 15:06		1

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Sample Id:	**AH-17 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-061	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**12.8**	4.98	mg/kg	10.21.2020 15:11		1

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Sample Id:	**AH-17 (3'-3.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-062	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**18.4**	5.00	mg/kg	10.21.2020 15:16		1

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Sample Id: **AH-18 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675581-063 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.21.2020 12:20 % Moisture:

Seq Number: 3140286 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2520**	25.3	mg/kg	10.21.2020 15:22		5

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.20.2020 17:00 % Moisture:

Seq Number: 3140233 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.21.2020 01:36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.21.2020 01:36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.21.2020 01:36	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.21.2020 01:36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	10.21.2020 01:36	
o-Terphenyl	84-15-1	111	%	70-130	10.21.2020 01:36	

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Sample Id:	**AH-18 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-063	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 16:00	% Moisture:	
Seq Number:	3140285			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.22.2020 02:01	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.22.2020 02:01	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.22.2020 02:01	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.22.2020 02:01	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.22.2020 02:01	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.22.2020 02:01	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.22.2020 02:01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.22.2020 02:01	
4-Bromofluorobenzene	460-00-4	114	%	70-130	10.22.2020 02:01	

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Sample Id:	**AH-18 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-064	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2930**	25.1	mg/kg	10.21.2020 15:27		5

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Sample Id:	**AH-18 (2'-.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-065	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2820**	24.8	mg/kg	10.21.2020 15:43		5

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Sample Id:	**AH-18 (3'-3.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-066	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**4860**	24.8	mg/kg	10.21.2020 15:48		5

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Sample Id:	**AH-18 (4'-4.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-067	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**278**	5.04	mg/kg	10.21.2020 16:04		1

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Sample Id: **AH-19 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675581-068 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.21.2020 12:20 % Moisture:

Seq Number: 3140286 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**10.2**	4.97	mg/kg	10.21.2020 16:09		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.20.2020 17:00 % Moisture:

Seq Number: 3140233 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.21.2020 01:55	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.21.2020 01:55	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.21.2020 01:55	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.21.2020 01:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	10.21.2020 01:55	
o-Terphenyl	84-15-1	107	%	70-130	10.21.2020 01:55	

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Sample Id:	**AH-19 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-068	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 16:00	% Moisture:	
Seq Number:	3140285			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.22.2020 02:21	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.22.2020 02:21	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.22.2020 02:21	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.22.2020 02:21	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.22.2020 02:21	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.22.2020 02:21	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.22.2020 02:21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.22.2020 02:21	
4-Bromofluorobenzene	460-00-4	116	%	70-130	10.22.2020 02:21	

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Sample Id:	**AH-19 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-069	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8.21**	5.03	mg/kg	10.21.2020 16:15		1

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Sample Id:	**AH-19 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-070	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**9.47**	4.96	mg/kg	10.21.2020 16:20		1

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Sample Id: **AH-20 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675581-071 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.21.2020 12:20 % Moisture:

Seq Number: 3140286 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**19.5**	5.00	mg/kg	10.21.2020 16:25		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.20.2020 17:00 % Moisture:

Seq Number: 3140233 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.21.2020 02:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.21.2020 02:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.21.2020 02:14	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.21.2020 02:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	10.21.2020 02:14	
o-Terphenyl	84-15-1	105	%	70-130	10.21.2020 02:14	

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Sample Id:	**AH-20 (0-1')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-071	Date Collected:	10.15.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL				
Analyst:	KTL	Date Prep:	10.21.2020 16:00	% Moisture:	
Seq Number:	3140285			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.22.2020 02:42	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.22.2020 02:42	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.22.2020 02:42	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.22.2020 02:42	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.22.2020 02:42	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.22.2020 02:42	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.22.2020 02:42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.22.2020 02:42	
4-Bromofluorobenzene	460-00-4	109	%	70-130	10.22.2020 02:42	

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Sample Id:	**AH-20 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-072	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**26.5**	5.00	mg/kg	10.21.2020 16:30		1

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Sample Id:	**AH-20 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-073	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 12:20	% Moisture:	
Seq Number:	3140286			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**12.4**	5.00	mg/kg	10.21.2020 16:36		1

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Sample Id:	**AH-20 (3'-3.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-074	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 16:00	% Moisture:	
Seq Number:	3140296			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1310**	5.02	mg/kg	10.21.2020 22:55	X	1

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Sample Id: **AH-21 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675581-075 Date Collected: 10.15.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.21.2020 16:00 % Moisture:

Seq Number: 3140296 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1320**	4.96	mg/kg	10.21.2020 23:11		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.20.2020 17:00 % Moisture:

Seq Number: 3140234 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.21.2020 06:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.21.2020 06:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.21.2020 06:39	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.21.2020 06:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	10.21.2020 06:39	
o-Terphenyl	84-15-1	103	%	70-130	10.21.2020 06:39	

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Sample Id: **AH-21 (0-1')** Matrix: Soil Date Received:10.20.2020 13:26

Lab Sample Id: 675581-075 Date Collected: 10.15.2020 00:00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 10.21.2020 16:00 % Moisture:

Seq Number: 3140285 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.22.2020 03:02	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.22.2020 03:02	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.22.2020 03:02	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.22.2020 03:02	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.22.2020 03:02	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.22.2020 03:02	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.22.2020 03:02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.22.2020 03:02	
4-Bromofluorobenzene	460-00-4	113	%	70-130	10.22.2020 03:02	

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Sample Id:	**AH-21 (1'-1.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-076	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 16:00	% Moisture:	
Seq Number:	3140296			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1370**	5.04	mg/kg	10.21.2020 23:16		1

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Sample Id:	**AH-21 (2'-2.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-077	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 16:00	% Moisture:	
Seq Number:	3140296			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1120**	5.00	mg/kg	10.21.2020 23:21		1

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Sample Id:	**AH-21 (3'-3.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-078	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 16:00	% Moisture:	
Seq Number:	3140296			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**6210**	49.9	mg/kg	10.21.2020 23:27		10

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Tetra Tech- Midland, Midland, TX

Fox 30 State Com

Sample Id:	**AH-21 (4'-4.5')**	Matrix:	Soil	Date Received:	10.20.2020 13:26
Lab Sample Id:	675581-079	Date Collected:	10.15.2020 00:00		
Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE				
Analyst:	CHE	Date Prep:	10.21.2020 16:00	% Moisture:	
Seq Number:	3140296			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**3880**	25.3	mg/kg	10.21.2020 23:42		5

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Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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QC Summary 675581

Tetra Tech- Midland

Fox 30 State Com

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140193 — Matrix: Solid — Date Prep: 10.20.2020
MB Sample Id: 7713603-1-BLK — LCS Sample Id: 7713603-1-BKS — LCSD Sample Id: 7713603-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	253	101	251	100	90-110	1	20	mg/kg	10.20.2020 22:47	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140198 — Matrix: Solid — Date Prep: 10.20.2020
MB Sample Id: 7713611-1-BLK — LCS Sample Id: 7713611-1-BKS — LCSD Sample Id: 7713611-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	255	102	255	102	90-110	0	20	mg/kg	10.20.2020 20:48	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140280 — Matrix: Solid — Date Prep: 10.21.2020
MB Sample Id: 7713636-1-BLK — LCS Sample Id: 7713636-1-BKS — LCSD Sample Id: 7713636-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	245	98	246	98	90-110	0	20	mg/kg	10.21.2020 11:09	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140286 — Matrix: Solid — Date Prep: 10.21.2020
MB Sample Id: 7713640-1-BLK — LCS Sample Id: 7713640-1-BKS — LCSD Sample Id: 7713640-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	246	98	247	99	90-110	0	20	mg/kg	10.21.2020 14:03	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140296 — Matrix: Solid — Date Prep: 10.21.2020
MB Sample Id: 7713672-1-BLK — LCS Sample Id: 7713672-1-BKS — LCSD Sample Id: 7713672-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	253	101	252	101	90-110	0	20	mg/kg	10.21.2020 22:45	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140193 — Matrix: Soil — Date Prep: 10.20.2020
Parent Sample Id: 675580-020 — MS Sample Id: 675580-020 S — MSD Sample Id: 675580-020 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	1860	1260	3240	110	3270	112	90-110	1	20	mg/kg	10.20.2020 23:03	X

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

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QC Summary 675581

Tetra Tech- Midland

Fox 30 State Com

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140193 — Matrix: Soil — Date Prep: 10.20.2020
Parent Sample Id: 675581-004 — MS Sample Id: 675581-004 S — MSD Sample Id: 675581-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	4420	1250	5780	109	5780	109	90-110	0	20	mg/kg	10.21.2020 00:17	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140198 — Matrix: Soil — Date Prep: 10.20.2020
Parent Sample Id: 675581-014 — MS Sample Id: 675581-014 S — MSD Sample Id: 675581-014 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	12.0	253	286	108	280	106	90-110	2	20	mg/kg	10.20.2020 21:07	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140198 — Matrix: Soil — Date Prep: 10.20.2020
Parent Sample Id: 675581-024 — MS Sample Id: 675581-024 S — MSD Sample Id: 675581-024 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	590	250	826	94	827	95	90-110	0	20	mg/kg	10.20.2020 22:36	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140280 — Matrix: Soil — Date Prep: 10.21.2020
Parent Sample Id: 675581-034 — MS Sample Id: 675581-034 S — MSD Sample Id: 675581-034 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	32.1	249	294	105	294	105	90-110	0	20	mg/kg	10.21.2020 11:24	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140280 — Matrix: Soil — Date Prep: 10.21.2020
Parent Sample Id: 675581-044 — MS Sample Id: 675581-044 S — MSD Sample Id: 675581-044 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	2820	1250	4190	110	4190	110	90-110	0	20	mg/kg	10.21.2020 12:38	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140286 — Matrix: Soil — Date Prep: 10.21.2020
Parent Sample Id: 675581-054 — MS Sample Id: 675581-054 S — MSD Sample Id: 675581-054 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	217	250	470	101	468	100	90-110	0	20	mg/kg	10.21.2020 14:18	

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

QC Summary 675581

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Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140286 — Matrix: Soil — Date Prep: 10.21.2020
Parent Sample Id: 675581-064 — MS Sample Id: 675581-064 S — MSD Sample Id: 675581-064 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	2930	1260	4230	103	4250	105	90-110	0	20	mg/kg	10.21.2020 15:32	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140296 — Matrix: Soil — Date Prep: 10.21.2020
Parent Sample Id: 675581-074 — MS Sample Id: 675581-074 S — MSD Sample Id: 675581-074 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	1310	251	1520	84	1510	80	90-110	1	20	mg/kg	10.21.2020 23:00	X

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3140296 — Matrix: Soil — Date Prep: 10.21.2020
Parent Sample Id: 675655-005 — MS Sample Id: 675655-005 S — MSD Sample Id: 675655-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	10.3	250	276	106	276	106	90-110	0	20	mg/kg	10.22.2020 00:14	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3140233 — Matrix: Solid — Date Prep: 10.20.2020
MB Sample Id: 7713614-1-BLK — LCS Sample Id: 7713614-1-BKS — LCSD Sample Id: 7713614-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	923	92	915	92	70-130	1	20	mg/kg	10.20.2020 18:35	
Diesel Range Organics (DRO)	<50.0	1000	1010	101	1010	101	70-130	0	20	mg/kg	10.20.2020 18:35	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	94		118		109		70-130	%	10.20.2020 18:35
o-Terphenyl	111		117		118		70-130	%	10.20.2020 18:35

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3140234 — Matrix: Solid — Date Prep: 10.20.2020
MB Sample Id: 7713615-1-BLK — LCS Sample Id: 7713615-1-BKS — LCSD Sample Id: 7713615-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	1130	113	961	96	70-130	16	20	mg/kg	10.21.2020 03:11	
Diesel Range Organics (DRO)	<50.0	1000	1120	112	982	98	70-130	13	20	mg/kg	10.21.2020 03:11	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	112		116		126		70-130	%	10.21.2020 03:11
o-Terphenyl	129		126		119		70-130	%	10.21.2020 03:11

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

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QC Summary 675581

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Fox 30 State Com

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3140233 Matrix: Solid Date Prep: 10.20.2020
MB Sample Id: 7713614-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.20.2020 18:16	

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3140234 Matrix: Solid Date Prep: 10.20.2020
MB Sample Id: 7713615-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.21.2020 02:52	

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3140233 Matrix: Soil Date Prep: 10.20.2020
Parent Sample Id: 675581-001 MS Sample Id: 675581-001 S MSD Sample Id: 675581-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	825	83	831	83	70-130	1	20	mg/kg	10.20.2020 19:33	
Diesel Range Organics (DRO)	<49.9	997	908	91	922	93	70-130	2	20	mg/kg	10.20.2020 19:33	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	110		105		70-130	%	10.20.2020 19:33
o-Terphenyl	105		107		70-130	%	10.20.2020 19:33

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3140234 Matrix: Soil Date Prep: 10.20.2020
Parent Sample Id: 675580-001 MS Sample Id: 675580-001 S MSD Sample Id: 675580-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	890	89	914	91	70-130	3	20	mg/kg	10.21.2020 04:08	
Diesel Range Organics (DRO)	<49.9	997	905	91	916	92	70-130	1	20	mg/kg	10.21.2020 04:08	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	118		118		70-130	%	10.21.2020 04:08
o-Terphenyl	113		118		70-130	%	10.21.2020 04:08

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

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QC Summary 675581

Tetra Tech- Midland

Fox 30 State Com

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3140290 — Matrix: Solid — Date Prep: 10.21.2020
MB Sample Id: 7713702-1-BLK — LCS Sample Id: 7713702-1-BKS — LCSD Sample Id: 7713702-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0984	98	0.0961	96	70-130	2	35	mg/kg	10.21.2020 11:52	
Toluene	<0.00200	0.100	0.101	101	0.103	103	70-130	2	35	mg/kg	10.21.2020 11:52	
Ethylbenzene	<0.00200	0.100	0.0976	98	0.0964	96	70-130	1	35	mg/kg	10.21.2020 11:52	
m,p-Xylenes	<0.00400	0.200	0.210	105	0.207	104	70-130	1	35	mg/kg	10.21.2020 11:52	
o-Xylene	<0.00200	0.100	0.0989	99	0.0979	98	70-130	1	35	mg/kg	10.21.2020 11:52	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	81		92		91		70-130	%	10.21.2020 11:52
4-Bromofluorobenzene	101		124		123		70-130	%	10.21.2020 11:52

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3140285 — Matrix: Solid — Date Prep: 10.21.2020
MB Sample Id: 7713697-1-BLK — LCS Sample Id: 7713697-1-BKS — LCSD Sample Id: 7713697-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.115	115	0.116	116	70-130	1	35	mg/kg	10.21.2020 21:16	
Toluene	<0.00200	0.100	0.102	102	0.104	104	70-130	2	35	mg/kg	10.21.2020 21:16	
Ethylbenzene	<0.00200	0.100	0.105	105	0.108	108	70-130	3	35	mg/kg	10.21.2020 21:16	
m,p-Xylenes	<0.00400	0.200	0.214	107	0.219	110	70-130	2	35	mg/kg	10.21.2020 21:16	
o-Xylene	<0.00200	0.100	0.107	107	0.109	109	70-130	2	35	mg/kg	10.21.2020 21:16	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	97		100		99		70-130	%	10.21.2020 21:16
4-Bromofluorobenzene	104		101		101		70-130	%	10.21.2020 21:16

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3140285 — Matrix: Soil — Date Prep: 10.21.2020
Parent Sample Id: 675581-059 — MS Sample Id: 675581-059 S — MSD Sample Id: 675581-059 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0987	99	0.0894	90	70-130	10	35	mg/kg	10.21.2020 21:57	
Toluene	<0.00200	0.100	0.0856	86	0.0790	79	70-130	8	35	mg/kg	10.21.2020 21:57	
Ethylbenzene	<0.00200	0.100	0.0846	85	0.0798	80	70-130	6	35	mg/kg	10.21.2020 21:57	
m,p-Xylenes	<0.00400	0.200	0.172	86	0.162	81	70-130	6	35	mg/kg	10.21.2020 21:57	
o-Xylene	<0.00200	0.100	0.0848	85	0.0805	81	70-130	5	35	mg/kg	10.21.2020 21:57	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	101		100		70-130	%	10.21.2020 21:57
4-Bromofluorobenzene	104		105		70-130	%	10.21.2020 21:57

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

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Analysis Request of Chain of Custody Record

675581

Page 1 of 8

Tetra Tech, Inc.

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

Client Name: EOG	Site Manager: Mike Carmona
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02339
Invoice to: EOG- Todd Wells	
Receiving Laboratory: Xenco	Sampler Signature: John Thurston
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	AH-1 (0-1')	10/16/2020			X				X			1	N	X			X												X							
	AH-1 (1'-1.5')	10/16/2020			X				X			1	N																X							
	AH-1 (2'-2.5')	10/16/2020			X				X			1	N																X							
	AH-2 (0-1')	10/16/2020			X				X			1	N																X							
	AH-2 (1'-1.5')	10/16/2020			X				X			1	N	X			X												X							
	AH-2 (2'-2.5')	10/16/2020			X				X			1	N																X							
	AH-2 (3'-3.5')	10/16/2020			X				X			1	N																X							
	AH-2 (4'-4.5')	10/16/2020			X				X			1	N																X							
	AH-3 (0-1')	10/16/2020			X				X			1	N																X							
	AH-3 (1'-1.5')	10/16/2020			X				X			1	N	X			X												X							

ANALYSIS REQUEST (Circle or Specify Method No.)

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	10/20			10/20/20	13:26
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature 2.9/3.4

REMARKS:

- [X] STANDARD
- [ ] 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

Received by OCD: 12/21/2021 3:06:13 PM
Released to Imaging: 1/14/2022 2:45:36 PM
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Analysis Request of Chain of Custody Record

675581

Tetra Tech, Inc.

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

Client Name: EOG

Site Manager: Mike Carmona

Project Name: Fox 30 State Com

Project Location (county, state): Lea County, New Mexico

Project #: 212C-MD-02339

Invoice to: EOG- Todd Wells

Receiving Laboratory: Xenco

Sampler Signature: John Thurston

Comments:

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	TIME	MATRIX WATER	SOIL		PRESERVATIVE METHOD HCL	HNO_3	ICE	None	# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	AH-3 (2'-2.5')	10/16/2020			X				X		1	N																X							
	AH-4 (0-1')	10/16/2020			X				X		1	N	X			X												X							
	AH-4 (1'-1.5')	10/16/2020			X				X		1	N																X							
	AH-4 (2'-2.5')	10/16/2020			X				X		1	N																X							
	AH-5 (0-1')	10/16/2020			X				X		1	N	X			X												X							
	AH-5 (1'-1.5')	10/16/2020			X				X		1	N																X							
	AH-5 (2'-2.5')	10/16/2020			X				X		1	N																X							
	AH-6 (0-1')	10/16/2020			X				X		1	N	X			X												X							
	AH-6 (1'-1.5')	10/16/2020			X				X		1	N																X							
	AH-6 (2'-2.5')	10/16/2020			X				X		1	N																X							

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Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

LAB USE ONLY

Sample Temperature: 2.9/3.4

REMARKS:

- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

1675581

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Tetra Tech, Inc.

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

Client Name: EOG

Site Manager: Mike Carmona

Project Name: Fox 30 State Com

Project Location (county, state): Lea County, New Mexico

Project #: 212C-MD-02339

Invoice to: EOG- Todd Wells

Receiving Laboratory: Xenco

Sampler Signature: John Thurston

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	AH-7 (0-1')	10/16/2020			X			X		1	N	X		X												X							
	AH-7 (1'-1.5')	10/16/2020			X			X		1	N															X							
	AH-7 (2'-2.5')	10/16/2020			X			X		1	N															X							
	AH-8 (0-1')	10/16/2020			X			X		1	N															X							
	AH-8 (1'-1.5')	10/16/2020			X			X		1	N	X		X												X							
	AH-8 (2'-2.5')	10/16/2020			X			X		1	N															X							
	AH-9 (0-1')	10/15/2020			X			X		1	N															X							
	AH-9 (1'-1.5')	10/15/2020			X			X		1	N	X		X												X							
	AH-9 (2'-2.5')	10/15/2020			X			X		1	N															X							
	AH-9 (3'-3.5')	10/15/2020			X			X		1	N															X							

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Received by: Date: Time:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB USE ONLY

Sample Temperature: 2.9/3.4

REMARKS:

[X] STANDARD

[ ] RUSH: Same Day 24 hr 48 hr 72 hr

[ ] Rush Charges Authorized

[ ] Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

675581

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Tetra Tech, Inc.

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

Client Name: EOG

Site Manager: Mike Carmona

Project Name: Fox 30 State Com

Project Location (county, state): Lea County, New Mexico

Project #: 212C-MD-02339

Invoice to: EOG- Todd Wells

Receiving Laboratory: Xenco

Sampler Signature: John Thurston

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	AH-10 (0-1')	10/15/2020			X			X		1	N	X		X												X							
	AH-10 (1'-1.5')	10/15/2020			X			X		1	N															X							
	AH-10 (2'-2.5')	10/15/2020			X			X		1	N															X							
	AH-10 (3'-3.5')	10/15/2020			X			X		1	N															X							
	AH-11 (0-1')	10/15/2020			X			X		1	N															X							
	AH-11 (1'-1.5')	10/15/2020			X			X		1	N	X		X												X							
	AH-11 (2'-2.5')	10/15/2020			X			X		1	N															X							
	AH-11 (3'-3.5')	10/15/2020			X			X		1	N															X							
	AH-12 (0-1')	10/15/2020			X			X		1	N															X							
	AH-12 (1'-1.5')	10/15/2020			X			X		1	N	X		X												X							

ANALYSIS REQUEST (Circle or Specify Method No.)

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	10/20			10/20/20	13:26
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature: 2.9/3.4

REMARKS:

- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

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

Client Name: EOG | Site Manager: Mike Carmona

Project Name: Fox 30 State Com

Project Location: (county, state) Lea County, New Mexico | Project #: 212C-MD-02339

Invoice to: EOG- Todd Wells

Receiving Laboratory: Xenco | Sampler Signature: John Thurston

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	AH-12 (2'-2.5')	10/15/2020			X			X		1	N															X							
	AH-12 (3'-3.5')	10/15/2020			X			X		1	N															X							
	AH-13 (0-1')	10/15/2020			X			X		1	N	X		X												X							
	AH-13 (1'-1.5')	10/15/2020			X			X		1	N															X							
	AH-13 (2'-2.5')	10/15/2020			X			X		1	N															X							
	AH-13 (3'-3.5')	10/15/2020			X			X		1	N															X							
	AH-14 (0-1')	10/15/2020			X			X		1	N	X		X												X							
	AH-14 (1'-1.5')	10/15/2020			X			X		1	N															X							
	AH-14 (2'-2.5')	10/15/2020			X			X		1	N															X							
	AH-14 (3'-3.5')	10/15/2020			X			X		1	N															X							

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Received by: Date: Time:

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB USE ONLY

Sample Temperature 2.9/3.4

REMARKS:

- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

675581

Tetra Tech, Inc.

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

Client Name: EOG	Site Manager: Mike Carmona
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02339
Invoice to: EOG- Todd Wells	
Receiving Laboratory: Xenco	Sampler Signature: John Thurston
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	AH-15 (0-1')	10/15/2020			X			X		1	N	X		X												X							
	AH-15 (1'-1.5')	10/15/2020			X			X		1	N															X							
	AH-15 (2'-2.5')	10/15/2020			X			X		1	N															X							
	AH-15 (3'-3.5')	10/15/2020			X			X		1	N															X							
	AH-16 (0-1')	10/15/2020			X			X		1	N															X							
	AH-16 (1'-1.5')	10/15/2020			X			X		1	N	X		X												X							
	AH-16 (2'-2.5')	10/15/2020			X			X		1	N															X							
	AH-16 (3'-3.5')	10/15/2020			X			X		1	N															X							
	AH-17 (0-1')	10/15/2020			X			X		1	N															X							
	AH-17 (1'-1.5')	10/15/2020			X			X		1	N	X		X												X							

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Relinquished by:	Date:	Time:	Received by:

Received by: Date: 10/20/20 Time: 13:26

LAB USE ONLY

Sample Temperature 2.9/3.4

REMARKS:

- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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675581

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Tetra Tech, Inc.

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

Client Name: EOG

Site Manager: Mike Carmona

Project Name: Fox 30 State Com

Project Location: (county, state) Lea County, New Mexico

Project #: 212C-MD-02339

Invoice to: EOG- Todd Wells

Receiving Laboratory: Xenco

Sampler Signature: John Thurston

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	AH-17 (2'-2.5')	10/15/2020			X			X		1	N															X							
	AH-17 (3'-3.5')	10/15/2020			X			X		1	N															X							
	AH-18 (0-1')	10/15/2020			X			X		1	N	X		X												X							
	AH-18 (1'-1.5')	10/15/2020			X			X		1	N															X							
	AH-18 (2'-2.5')	10/15/2020			X			X		1	N															X							
	AH-18 (3'-3.5')	10/15/2020			X			X		1	N															X							
	AH-18 (4'-4.5')	10/15/2020			X			X		1	N															X							
	AH-19 (0-1')	10/15/2020			X			X		1	N	X		X												X							
	AH-19 (1'-1.5')	10/15/2020			X			X		1	N															X							
	AH-19 (2'-2.5')	10/15/2020			X			X		1	N															X							

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LAB USE ONLY

Sample Temperature 2.9/3.4

REMARKS:

- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

900 West Wall Street, Ste 100
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Tel (432) 682-4559
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Site Manager: Mike Carmona

Project Name: Fox 30 State Com

Project Location (county, state): Lea County, New Mexico

Project #: 212C-MD-02339

Invoice to: EOG- Todd Wells

Receiving Laboratory: Xenco

Sampler Signature: John Thurston

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	AH-20 (0-1')	10/15/2020			X			X		1	N	X		X												X							
	AH-20 (1'-1.5')	10/15/2020			X			X		1	N															X							
	AH-20 (2'-2.5')	10/15/2020			X			X		1	N															X							
	AH-20 (3'-3.5')	10/15/2020			X			X		1	N															X							
	AH-21 (0-1')	10/15/2020			X			X		1	N															X							
	AH-21 (1'-1.5')	10/15/2020			X			X		1	N	X		X												X							
	AH-21 (2'-2.5')	10/15/2020			X			X		1	N															X							
	AH-21 (2'-2.5')	10/15/2020			X			X		1	N															X							
	AH-21 (3'-3.5')	10/15/2020			X			X		1	N															X							
																										X							

Relinquished by: Date: 10/20 Time:

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Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

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ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB USE ONLY
Sample Temperature 2.9/3.4

REMARKS:
[X] STANDARD
[ ] RUSH: Same Day 24 hr 48 hr 72 hr
[ ] Rush Charges Authorized
[ ] Special Report Limits or TRRP Report

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Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Date/ Time Received: 10.20.2020 01.26.00 PM

Work Order #: 675581

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR-8

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	3.4	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6*Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Any missing/extra samples?	**No**	
#9 Chain of Custody signed when relinquished/ received?	**Yes**	
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**	
#11 Container label(s) legible and intact?	**Yes**	
#12 Samples in proper container/ bottle?	**Yes**	BTEX was in bulk container
#13 Samples properly preserved?	**Yes**	
#14 Sample container(s) intact?	**Yes**	
#15 Sufficient sample amount for indicated test(s)?	**Yes**	
#16 All samples received within hold time?	**Yes**	
#17 Subcontract of sample(s)?	**Yes**	
#18 Water VOC samples have zero headspace?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 10.20.2020
Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 10.21.2020
Jessica Kramer

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-237-1
Laboratory Sample Delivery Group: 212C-MD-02339
Client Project/Site: Fox 30 State Com

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
3/4/2021 6:18:41 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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Have a Question? Ask The Expert

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Laboratory Job ID: 890-237-1
SDG: 212C-MD-02339

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Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-237-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Qualifiers

Subcontract

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Job ID: 890-237-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-237-1

Receipt
The samples were received on 3/2/2021 8:32 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6Â°C

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-1 (5')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-1
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.3		4.99		mg/kg		03/03/21 12:10	03/03/21 17:34	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 21:27	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 21:27	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 21:27	1
Total TPH	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 135*	*03/02/21 13:00*	*03/02/21 21:27*	*1*
o-Terphenyl	*109*		*70 - 135*	*03/02/21 13:00*	*03/02/21 21:27*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 16:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 16:28	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/03/21 08:00	03/03/21 16:28	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 16:28	1
Toluene	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 16:28	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 16:28	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*94*		*70 - 130*	*03/03/21 08:00*	*03/03/21 16:28*	*1*
4-Bromofluorobenzene	*97*		*70 - 130*	*03/03/21 08:00*	*03/03/21 16:28*	*1*

Client Sample ID: BH-2 (5')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-2
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.5		5.00		mg/kg		03/03/21 14:20	03/03/21 18:11	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 22:31	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 22:31	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 22:31	1
Total TPH	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 135*	*03/02/21 13:00*	*03/02/21 22:31*	*1*
o-Terphenyl	*102*		*70 - 135*	*03/02/21 13:00*	*03/02/21 22:31*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 16:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 16:49	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/03/21 08:00	03/03/21 16:49	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 16:49	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-237-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Client Sample ID: BH-2 (5') Lab Sample ID: 890-237-2
Date Collected: 03/01/21 00:00 **Matrix: Solid**
Date Received: 03/02/21 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 16:49	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 16:49	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*93*		*70 - 130*	*03/03/21 08:00*	*03/03/21 16:49*	*1*
4-Bromofluorobenzene	*102*		*70 - 130*	*03/03/21 08:00*	*03/03/21 16:49*	*1*

Client Sample ID: BH-3 (2') Lab Sample ID: 890-237-3
Date Collected: 03/01/21 00:00 **Matrix: Solid**
Date Received: 03/02/21 08:32

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.8**		5.04		mg/kg		03/03/21 14:20	03/03/21 18:27	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/02/21 22:53	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/02/21 22:53	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/02/21 22:53	1
Total TPH	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/02/21 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 135*	*03/02/21 13:00*	*03/02/21 22:53*	*1*
o-Terphenyl	*106*		*70 - 135*	*03/02/21 13:00*	*03/02/21 22:53*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 17:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 17:09	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/03/21 08:00	03/03/21 17:09	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 17:09	1
Toluene	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 17:09	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 17:09	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*92*		*70 - 130*	*03/03/21 08:00*	*03/03/21 17:09*	*1*
4-Bromofluorobenzene	*108*		*70 - 130*	*03/03/21 08:00*	*03/03/21 17:09*	*1*

Client Sample ID: BH-4 (2') Lab Sample ID: 890-237-4
Date Collected: 03/01/21 00:00 **Matrix: Solid**
Date Received: 03/02/21 08:32

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.1**		4.96		mg/kg		03/03/21 14:20	03/04/21 08:19	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 23:14	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-4 (2')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-4
Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 23:14	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 23:14	1
Total TPH	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 135*	*03/02/21 13:00*	*03/02/21 23:14*	*1*
o-Terphenyl	*109*		*70 - 135*	*03/02/21 13:00*	*03/02/21 23:14*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 17:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 17:30	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/03/21 08:00	03/03/21 17:30	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 17:30	1
Toluene	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 17:30	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 17:30	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/03/21 08:00	03/03/21 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*91*		*70 - 130*	*03/03/21 08:00*	*03/03/21 17:30*	*1*
4-Bromofluorobenzene	*103*		*70 - 130*	*03/03/21 08:00*	*03/03/21 17:30*	*1*

Client Sample ID: BH-5 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-5
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**302**		4.99		mg/kg		03/03/21 14:20	03/04/21 08:24	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 23:35	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 23:35	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 23:35	1
Total TPH	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/02/21 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 135*	*03/02/21 13:00*	*03/02/21 23:35*	*1*
o-Terphenyl	*107*		*70 - 135*	*03/02/21 13:00*	*03/02/21 23:35*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/03/21 08:00	03/03/21 17:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/03/21 08:00	03/03/21 17:50	1
m,p-Xylenes	<0.00396	U	0.00396		mg/kg		03/03/21 08:00	03/03/21 17:50	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/03/21 08:00	03/03/21 17:50	1
Toluene	<0.00198	U	0.00198		mg/kg		03/03/21 08:00	03/03/21 17:50	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/03/21 08:00	03/03/21 17:50	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/03/21 08:00	03/03/21 17:50	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-5 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-5
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	79		70 - 130	03/03/21 08:00	03/03/21 17:50	1
4-Bromofluorobenzene	83		70 - 130	03/03/21 08:00	03/03/21 17:50	1

Client Sample ID: BH-6 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-6
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	272		5.02		mg/kg		03/03/21 14:20	03/04/21 08:29	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/02/21 23:57	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/02/21 23:57	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/02/21 23:57	1
Total TPH	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/02/21 23:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 135	03/02/21 13:00	03/02/21 23:57	1
o-Terphenyl	101		70 - 135	03/02/21 13:00	03/02/21 23:57	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/03/21 08:00	03/03/21 18:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/03/21 08:00	03/03/21 18:11	1
m,p-Xylenes	<0.00397	U	0.00397		mg/kg		03/03/21 08:00	03/03/21 18:11	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/03/21 08:00	03/03/21 18:11	1
Toluene	<0.00198	U	0.00198		mg/kg		03/03/21 08:00	03/03/21 18:11	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/03/21 08:00	03/03/21 18:11	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/03/21 08:00	03/03/21 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	94		70 - 130	03/03/21 08:00	03/03/21 18:11	1
4-Bromofluorobenzene	101		70 - 130	03/03/21 08:00	03/03/21 18:11	1

Client Sample ID: BH-7 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-7
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	310		4.98		mg/kg		03/03/21 14:20	03/04/21 08:45	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 00:18	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 00:18	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 00:18	1
Total TPH	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 00:18	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-7 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-7
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 135	03/02/21 13:00	03/03/21 00:18	1
o-Terphenyl	104		70 - 135	03/02/21 13:00	03/03/21 00:18	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 18:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 18:31	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/03/21 08:00	03/03/21 18:31	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 18:31	1
Toluene	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 18:31	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 18:31	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 18:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	94		70 - 130	03/03/21 08:00	03/03/21 18:31	1
4-Bromofluorobenzene	103		70 - 130	03/03/21 08:00	03/03/21 18:31	1

Client Sample ID: BH-8 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-8
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.6		5.05		mg/kg		03/03/21 14:20	03/04/21 08:50	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 00:40	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 00:40	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 00:40	1
Total TPH	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 00:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 135	03/02/21 13:00	03/03/21 00:40	1
o-Terphenyl	101		70 - 135	03/02/21 13:00	03/03/21 00:40	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 18:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 18:51	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/03/21 08:00	03/03/21 18:51	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 18:51	1
Toluene	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 18:51	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 18:51	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/03/21 08:00	03/03/21 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	93		70 - 130	03/03/21 08:00	03/03/21 18:51	1
4-Bromofluorobenzene	102		70 - 130	03/03/21 08:00	03/03/21 18:51	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-9 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-9
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.7		4.97		mg/kg		03/03/21 14:20	03/04/21 08:56	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/03/21 01:01	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/03/21 01:01	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/03/21 01:01	1
Total TPH	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/03/21 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 135*	*03/02/21 13:00*	*03/03/21 01:01*	*1*
o-Terphenyl	*101*		*70 - 135*	*03/02/21 13:00*	*03/03/21 01:01*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 21:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 21:20	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/02/21 16:00	03/02/21 21:20	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 21:20	1
Toluene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 21:20	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 21:20	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*71*		*70 - 130*	*03/02/21 16:00*	*03/02/21 21:20*	*1*
4-Bromofluorobenzene	*118*		*70 - 130*	*03/02/21 16:00*	*03/02/21 21:20*	*1*

Client Sample ID: BH-10 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-10
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.7		4.99		mg/kg		03/03/21 14:20	03/04/21 09:01	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 01:22	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 01:22	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 01:22	1
Total TPH	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 135*	*03/02/21 13:00*	*03/03/21 01:22*	*1*
o-Terphenyl	*108*		*70 - 135*	*03/02/21 13:00*	*03/03/21 01:22*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 21:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 21:46	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/02/21 16:00	03/02/21 21:46	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 21:46	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-237-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Client Sample ID: BH-10 (1') Lab Sample ID: 890-237-10
Date Collected: 03/01/21 00:00 **Matrix: Solid**
Date Received: 03/02/21 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 21:46	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 21:46	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*71*		*70 - 130*	*03/02/21 16:00*	*03/02/21 21:46*	*1*
4-Bromofluorobenzene	*132*		*70 - 130*	*03/02/21 16:00*	*03/02/21 21:46*	*1*

Client Sample ID: BH-11 (1') Lab Sample ID: 890-237-11
Date Collected: 03/01/21 00:00 **Matrix: Solid**
Date Received: 03/02/21 08:32

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.0**		4.96		mg/kg		03/03/21 14:20	03/04/21 09:06	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/03/21 02:05	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/03/21 02:05	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/03/21 02:05	1
Total TPH	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/03/21 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 135*	*03/02/21 13:00*	*03/03/21 02:05*	*1*
o-Terphenyl	*107*		*70 - 135*	*03/02/21 13:00*	*03/03/21 02:05*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/02/21 22:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/02/21 22:12	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/02/21 16:00	03/02/21 22:12	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/02/21 22:12	1
Toluene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/02/21 22:12	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/02/21 22:12	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/02/21 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*71*		*70 - 130*	*03/02/21 16:00*	*03/02/21 22:12*	*1*
4-Bromofluorobenzene	*126*		*70 - 130*	*03/02/21 16:00*	*03/02/21 22:12*	*1*

Client Sample ID: BH-12 (1') Lab Sample ID: 890-237-12
Date Collected: 03/01/21 00:00 **Matrix: Solid**
Date Received: 03/02/21 08:32

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.1**		4.95		mg/kg		03/03/21 14:20	03/04/21 09:12	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/02/21 13:00	03/03/21 02:26	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-12 (1')

Lab Sample ID: 890-237-12
Matrix: Solid
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/02/21 13:00	03/03/21 02:26	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/02/21 13:00	03/03/21 02:26	1
Total TPH	<49.8	U	49.8		mg/kg		03/02/21 13:00	03/03/21 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 135*	*03/02/21 13:00*	*03/03/21 02:26*	*1*
o-Terphenyl	*109*		*70 - 135*	*03/02/21 13:00*	*03/03/21 02:26*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/02/21 22:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/02/21 22:39	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/02/21 16:00	03/02/21 22:39	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/02/21 22:39	1
Toluene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/02/21 22:39	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/02/21 22:39	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/02/21 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*70*		*70 - 130*	*03/02/21 16:00*	*03/02/21 22:39*	*1*
4-Bromofluorobenzene	*125*		*70 - 130*	*03/02/21 16:00*	*03/02/21 22:39*	*1*

Client Sample ID: BH-13 (1')

Lab Sample ID: 890-237-13
Matrix: Solid
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.8**		5.02		mg/kg		03/03/21 14:20	03/04/21 09:28	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 02:47	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 02:47	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 02:47	1
Total TPH	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 02:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 135*	*03/02/21 13:00*	*03/03/21 02:47*	*1*
o-Terphenyl	*110*		*70 - 135*	*03/02/21 13:00*	*03/03/21 02:47*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 23:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 23:05	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/02/21 16:00	03/02/21 23:05	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 23:05	1
Toluene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 23:05	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 23:05	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 23:05	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-13 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-13
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	71		70 - 130	03/02/21 16:00	03/02/21 23:05	1
4-Bromofluorobenzene	129		70 - 130	03/02/21 16:00	03/02/21 23:05	1

Client Sample ID: BH-14 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-14
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.5		4.98		mg/kg		03/03/21 14:20	03/04/21 09:33	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 03:09	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 03:09	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 03:09	1
Total TPH	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 03:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 135	03/02/21 13:00	03/03/21 03:09	1
o-Terphenyl	104		70 - 135	03/02/21 13:00	03/03/21 03:09	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 23:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 23:31	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/02/21 16:00	03/02/21 23:31	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 23:31	1
Toluene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 23:31	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 23:31	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/02/21 23:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	71		70 - 130	03/02/21 16:00	03/02/21 23:31	1
4-Bromofluorobenzene	132		70 - 130	03/02/21 16:00	03/02/21 23:31	1

Client Sample ID: BH-15 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-15
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.5		5.05		mg/kg		03/03/21 14:20	03/04/21 09:49	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/03/21 03:30	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/03/21 03:30	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/03/21 03:30	1
Total TPH	<49.9	U	49.9		mg/kg		03/02/21 13:00	03/03/21 03:30	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-15 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-15
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 135	03/02/21 13:00	03/03/21 03:30	1
o-Terphenyl	94		70 - 135	03/02/21 13:00	03/03/21 03:30	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/02/21 16:00	03/02/21 23:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/02/21 16:00	03/02/21 23:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/02/21 16:00	03/02/21 23:58	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/02/21 16:00	03/02/21 23:58	1
Toluene	<0.00199	U	0.00199		mg/kg		03/02/21 16:00	03/02/21 23:58	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/02/21 16:00	03/02/21 23:58	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/02/21 16:00	03/02/21 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	71		70 - 130	03/02/21 16:00	03/02/21 23:58	1
4-Bromofluorobenzene	126		70 - 130	03/02/21 16:00	03/02/21 23:58	1

Client Sample ID: BH-16 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-16
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.54		5.05		mg/kg		03/03/21 14:20	03/04/21 09:54	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 03:52	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 03:52	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 03:52	1
Total TPH	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 03:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 135	03/02/21 13:00	03/03/21 03:52	1
o-Terphenyl	94		70 - 135	03/02/21 13:00	03/03/21 03:52	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 00:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 00:24	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/02/21 16:00	03/03/21 00:24	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 00:24	1
Toluene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 00:24	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 00:24	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 00:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	74		70 - 130	03/02/21 16:00	03/03/21 00:24	1
4-Bromofluorobenzene	134		70 - 130	03/02/21 16:00	03/03/21 00:24	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-17 (1')

Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-17
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.6		5.05		mg/kg		03/03/21 14:20	03/04/21 10:00	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 04:14	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 04:14	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 04:14	1
Total TPH	<50.0	U	50.0		mg/kg		03/02/21 13:00	03/03/21 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 135*	*03/02/21 13:00*	*03/03/21 04:14*	*1*
o-Terphenyl	*91*		*70 - 135*	*03/02/21 13:00*	*03/03/21 04:14*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 00:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 00:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/kg		03/02/21 16:00	03/03/21 00:51	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 00:51	1
Toluene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 00:51	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 00:51	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*70*		*70 - 130*	*03/02/21 16:00*	*03/03/21 00:51*	*1*
4-Bromofluorobenzene	*133*		*70 - 130*	*03/02/21 16:00*	*03/03/21 00:51*	*1*

Client Sample ID: BH-18 (1')

Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-18
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.8		4.99		mg/kg		03/03/21 14:20	03/04/21 10:05	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 13:03	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 13:03	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 13:03	1
Total TPH	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 135*	*03/03/21 12:00*	*03/03/21 13:03*	*1*
o-Terphenyl	*118*		*70 - 135*	*03/03/21 12:00*	*03/03/21 13:03*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 01:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 01:17	1
m,p-Xylenes	<0.00400	U	0.00400		mg/kg		03/02/21 16:00	03/03/21 01:17	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 01:17	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-237-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Client Sample ID: BH-18 (1') Lab Sample ID: 890-237-18
Date Collected: 03/01/21 00:00 **Matrix: Solid**
Date Received: 03/02/21 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 01:17	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 01:17	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*70*		*70 - 130*	*03/02/21 16:00*	*03/03/21 01:17*	*1*
4-Bromofluorobenzene	*121*		*70 - 130*	*03/02/21 16:00*	*03/03/21 01:17*	*1*

Client Sample ID: BH-19 (1') Lab Sample ID: 890-237-19
Date Collected: 03/01/21 00:00 **Matrix: Solid**
Date Received: 03/02/21 08:32

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.5**		4.99		mg/kg		03/03/21 14:20	03/04/21 10:10	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 14:06	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 14:06	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 14:06	1
Total TPH	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 135*	*03/03/21 12:00*	*03/03/21 14:06*	*1*
o-Terphenyl	*123*		*70 - 135*	*03/03/21 12:00*	*03/03/21 14:06*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 03:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 03:02	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/02/21 16:00	03/03/21 03:02	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 03:02	1
Toluene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 03:02	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 03:02	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 03:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*69*		*70 - 130*	*03/02/21 16:00*	*03/03/21 03:02*	*1*
4-Bromofluorobenzene	*122*		*70 - 130*	*03/02/21 16:00*	*03/03/21 03:02*	*1*

Client Sample ID: BH-20 (1') Lab Sample ID: 890-237-20
Date Collected: 03/01/21 00:00 **Matrix: Solid**
Date Received: 03/02/21 08:32

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.3**		5.04		mg/kg		03/03/21 14:20	03/04/21 10:16	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 14:27	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-20 (1')

Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-20

Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 14:27	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 14:27	1
Total TPH	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 135*	*03/03/21 12:00*	*03/03/21 14:27*	*1*
o-Terphenyl	*102*		*70 - 135*	*03/03/21 12:00*	*03/03/21 14:27*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 03:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 03:29	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/02/21 16:00	03/03/21 03:29	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 03:29	1
Toluene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 03:29	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 03:29	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 03:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*72*		*70 - 130*	*03/02/21 16:00*	*03/03/21 03:29*	*1*
4-Bromofluorobenzene	*122*		*70 - 130*	*03/02/21 16:00*	*03/03/21 03:29*	*1*

Client Sample ID: BH-21 (1')

Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-21

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.1		4.96		mg/kg		03/03/21 14:20	03/04/21 10:21	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 14:48	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 14:48	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 14:48	1
Total TPH	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 135*	*03/03/21 12:00*	*03/03/21 14:48*	*1*
o-Terphenyl	*124*		*70 - 135*	*03/03/21 12:00*	*03/03/21 14:48*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 03:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 03:55	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/02/21 16:00	03/03/21 03:55	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 03:55	1
Toluene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 03:55	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 03:55	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 03:55	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-21 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-21
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*70*		*70 - 130*	*03/02/21 16:00*	*03/03/21 03:55*	*1*
4-Bromofluorobenzene	*121*		*70 - 130*	*03/02/21 16:00*	*03/03/21 03:55*	*1*

Client Sample ID: BH-22 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-22
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.3**		5.02		mg/kg		03/03/21 14:35	03/03/21 17:35	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 15:09	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 15:09	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 15:09	1
Total TPH	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 135*	*03/03/21 12:00*	*03/03/21 15:09*	*1*
o-Terphenyl	*106*		*70 - 135*	*03/03/21 12:00*	*03/03/21 15:09*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 04:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 04:22	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/02/21 16:00	03/03/21 04:22	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 04:22	1
Toluene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 04:22	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 04:22	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 04:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*75*		*70 - 130*	*03/02/21 16:00*	*03/03/21 04:22*	*1*
4-Bromofluorobenzene	*137*		*70 - 130*	*03/02/21 16:00*	*03/03/21 04:22*	*1*

Client Sample ID: BH-23 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-23
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		4.96		mg/kg		03/03/21 14:35	03/03/21 17:54	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 15:31	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 15:31	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 15:31	1
Total TPH	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 15:31	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-23 (1')

Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-23

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 135	03/03/21 12:00	03/03/21 15:31	1
o-Terphenyl	122		70 - 135	03/03/21 12:00	03/03/21 15:31	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/02/21 16:00	03/03/21 04:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/02/21 16:00	03/03/21 04:48	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/02/21 16:00	03/03/21 04:48	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/02/21 16:00	03/03/21 04:48	1
Toluene	<0.00199	U	0.00199		mg/kg		03/02/21 16:00	03/03/21 04:48	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/02/21 16:00	03/03/21 04:48	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/02/21 16:00	03/03/21 04:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	71		70 - 130	03/02/21 16:00	03/03/21 04:48	1
4-Bromofluorobenzene	131		70 - 130	03/02/21 16:00	03/03/21 04:48	1

Client Sample ID: BH-24 (1')

Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-24

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		4.99		mg/kg		03/03/21 14:35	03/03/21 18:01	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 15:52	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 15:52	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 15:52	1
Total TPH	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 135	03/03/21 12:00	03/03/21 15:52	1
o-Terphenyl	118		70 - 135	03/03/21 12:00	03/03/21 15:52	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 05:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 05:14	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/02/21 16:00	03/03/21 05:14	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 05:14	1
Toluene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 05:14	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 05:14	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 05:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	70		70 - 130	03/02/21 16:00	03/03/21 05:14	1
4-Bromofluorobenzene	127		70 - 130	03/02/21 16:00	03/03/21 05:14	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-25 (1')

Lab Sample ID: 890-237-25
Matrix: Solid
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		5.05		mg/kg		03/03/21 14:35	03/03/21 18:07	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 16:14	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 16:14	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 16:14	1
Total TPH	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 135*	*03/03/21 12:00*	*03/03/21 16:14*	*1*
o-Terphenyl	*111*		*70 - 135*	*03/03/21 12:00*	*03/03/21 16:14*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 05:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 05:41	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/02/21 16:00	03/03/21 05:41	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 05:41	1
Toluene	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 05:41	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 05:41	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/02/21 16:00	03/03/21 05:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*79*		*70 - 130*	*03/02/21 16:00*	*03/03/21 05:41*	*1*
4-Bromofluorobenzene	*134*		*70 - 130*	*03/02/21 16:00*	*03/03/21 05:41*	*1*

Client Sample ID: BH-26 (1')

Lab Sample ID: 890-237-26
Matrix: Solid
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.9		5.05		mg/kg		03/03/21 14:35	03/03/21 18:14	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 16:35	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 16:35	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 16:35	1
Total TPH	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 135*	*03/03/21 12:00*	*03/03/21 16:35*	*1*
o-Terphenyl	*118*		*70 - 135*	*03/03/21 12:00*	*03/03/21 16:35*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 06:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 06:06	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/02/21 16:00	03/03/21 06:06	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 06:06	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-26 (1')

Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-26

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 06:06	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 06:06	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/02/21 16:00	03/03/21 06:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*84*		*70 - 130*	*03/02/21 16:00*	*03/03/21 06:06*	*1*
4-Bromofluorobenzene	*149*		*70 - 130*	*03/02/21 16:00*	*03/03/21 06:06*	*1*

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO (70-135)	OTPH (70-135)
890-237-1	BH-1 (5')	101	109
890-237-2	BH-2 (5')	98	102
890-237-3	BH-3 (2')	99	106
890-237-4	BH-4 (2')	100	109
890-237-5	BH-5 (1')	101	107
890-237-6	BH-6 (1')	96	101
890-237-7	BH-7 (1')	99	104
890-237-8	BH-8 (1')	96	101
890-237-9	BH-9 (1')	96	101
890-237-10	BH-10 (1')	101	108
890-237-11	BH-11 (1')	97	107
890-237-12	BH-12 (1')	99	109
890-237-13	BH-13 (1')	103	110
890-237-14	BH-14 (1')	96	104
890-237-15	BH-15 (1')	89	94
890-237-16	BH-16 (1')	90	94
890-237-17	BH-17 (1')	85	91
890-237-18	BH-18 (1')	113	118
890-237-19	BH-19 (1')	116	123
890-237-20	BH-20 (1')	103	102
890-237-21	BH-21 (1')	121	124
890-237-22	BH-22 (1')	102	106
890-237-23	BH-23 (1')	114	122
890-237-24	BH-24 (1')	111	118
890-237-25	BH-25 (1')	107	111
890-237-26	BH-26 (1')	113	118

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Matrix: SOIL **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB (70-130)
689939-009 S	Matrix Spike	137
689939-009 SD	Matrix Spike Duplicate	134
7722376-1-BKS	Lab Control Sample	115
7722376-1-BLK	Method Blank	93
7722376-1-BSD	Lab Control Sample Dup	134
7722460-1-BKS	Lab Control Sample	95
7722460-1-BLK	Method Blank	96
7722460-1-BSD	Lab Control Sample Dup	96

Surrogate Legend

BFB = 4-Bromofluorobenzene

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-237-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB (70-130)	DFBZ (70-130)
890-237-1	BH-1 (5')	97	94
890-237-2	BH-2 (5')	102	93
890-237-3	BH-3 (2')	108	92
890-237-4	BH-4 (2')	103	91
890-237-5	BH-5 (1')	83	79
890-237-6	BH-6 (1')	101	94
890-237-7	BH-7 (1')	103	94
890-237-8	BH-8 (1')	102	93
890-237-9	BH-9 (1')	118	71
890-237-10	BH-10 (1')	132	71
890-237-11	BH-11 (1')	126	71
890-237-12	BH-12 (1')	125	70
890-237-13	BH-13 (1')	129	71
890-237-14	BH-14 (1')	132	71
890-237-15	BH-15 (1')	126	71
890-237-16	BH-16 (1')	134	74
890-237-17	BH-17 (1')	133	70
890-237-18	BH-18 (1')	121	70
890-237-19	BH-19 (1')	122	69
890-237-20	BH-20 (1')	122	72
890-237-21	BH-21 (1')	121	70
890-237-22	BH-22 (1')	137	75
890-237-23	BH-23 (1')	131	71
890-237-24	BH-24 (1')	127	70
890-237-25	BH-25 (1')	134	79
890-237-26	BH-26 (1')	149	84

Surrogate Legend

BFB = 4-Bromofluorobenzene

DFBZ = 1,4-Difluorobenzene

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 7722417-1-BLK
Matrix: SOIL
Analysis Batch: 3152463

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152463_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/03/21 12:10	03/03/21 14:58	1

Lab Sample ID: 7722417-1-BKS
Matrix: SOIL
Analysis Batch: 3152463

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152463_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	232		mg/kg		93	80 - 120

Lab Sample ID: 7722417-1-BSD
Matrix: SOIL
Analysis Batch: 3152463

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152463_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	233		mg/kg		93	80 - 120	0	20

Lab Sample ID: 7722435-1-BLK
Matrix: SOIL
Analysis Batch: 3152464

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152464_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/03/21 14:20	03/03/21 17:55	1

Lab Sample ID: 7722435-1-BKS
Matrix: SOIL
Analysis Batch: 3152464

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152464_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	234		mg/kg		94	80 - 120

Lab Sample ID: 7722435-1-BSD
Matrix: SOIL
Analysis Batch: 3152464

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152464_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	233		mg/kg		93	80 - 120	0	20

Lab Sample ID: 689939-002 S
Matrix: SOIL
Analysis Batch: 3152464

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152464_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	28.5		250	254		mg/kg		90	80 - 120

Lab Sample ID: 689939-002 SD
Matrix: SOIL
Analysis Batch: 3152464

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152464_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	28.5		250	254		mg/kg		90	80 - 120	0	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 689939-012 S
Matrix: SOIL
Analysis Batch: 3152464

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152464_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	21.1		248	281		mg/kg		105	80 - 120

Lab Sample ID: 689939-012 SD
Matrix: SOIL
Analysis Batch: 3152464

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152464_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	21.1		248	278		mg/kg		104	80 - 120	1	20

Lab Sample ID: 7722436-1-BLK
Matrix: SOIL
Analysis Batch: 3152465

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152465_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/03/21 14:35	03/03/21 17:16	1

Lab Sample ID: 7722436-1-BKS
Matrix: SOIL
Analysis Batch: 3152465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152465_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	258		mg/kg		103	80 - 120

Lab Sample ID: 7722436-1-BSD
Matrix: SOIL
Analysis Batch: 3152465

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152465_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	259		mg/kg		104	80 - 120	0	20

Lab Sample ID: 689939-022 S
Matrix: SOIL
Analysis Batch: 3152465

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152465_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	11.3		251	274		mg/kg		105	80 - 120

Lab Sample ID: 689939-022 SD
Matrix: SOIL
Analysis Batch: 3152465

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152465_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	11.3		251	274		mg/kg		105	80 - 120	0	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Lab Sample ID: 7722392-1-BLK
Matrix: SOIL
Analysis Batch: 3152497

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152497_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		03/02/21 13:00	03/02/21 20:24	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		03/02/21 13:00	03/02/21 20:24	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		03/02/21 13:00	03/02/21 20:24	1

Lab Sample ID: 7722392-1-BKS
Matrix: SOIL
Analysis Batch: 3152497

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152497_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	1000	1070		mg/kg		107	70 - 135
Gasoline Range Hydrocarbons (GRO)	1000	992		mg/kg		99	70 - 135

Lab Sample ID: 7722392-1-BSD
Matrix: SOIL
Analysis Batch: 3152497

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152497_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	1000	1060		mg/kg		106	70 - 135	1	20
Gasoline Range Hydrocarbons (GRO)	1000	1160		mg/kg		116	70 - 135	16	20

Lab Sample ID: 689939-001 S
Matrix: SOIL
Analysis Batch: 3152497

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152497_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	<50		997	899		mg/kg		90	70 - 135
Gasoline Range Hydrocarbons (GRO)	<50		997	1000		mg/kg		100	70 - 135

Lab Sample ID: 689939-001 SD
Matrix: SOIL
Analysis Batch: 3152497

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152497_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	<50		999	811		mg/kg		81	70 - 135	10	20
Gasoline Range Hydrocarbons (GRO)	<50		999	971		mg/kg		97	70 - 135	3	20

Lab Sample ID: 7722498-1-BLK
Matrix: SOIL
Analysis Batch: 3152506

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152506_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		03/03/21 12:00	03/03/21 12:00	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		03/03/21 12:00	03/03/21 12:00	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		03/03/21 12:00	03/03/21 12:00	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Lab Sample ID: 7722498-1-BKS — **Client Sample ID: Lab Control Sample**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152506 — **Prep Batch: 3152506_P**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics (DRO)			1000	989		mg/kg		99	70 - 135		
Gasoline Range Hydrocarbons (GRO)			1000	976		mg/kg		98	70 - 135		

Lab Sample ID: 7722498-1-BSD — **Client Sample ID: Lab Control Sample Dup**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152506 — **Prep Batch: 3152506_P**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)			1000	952		mg/kg		95	70 - 135	4	20
Gasoline Range Hydrocarbons (GRO)			1000	971		mg/kg		97	70 - 135	1	20

Lab Sample ID: 689939-018 S — **Client Sample ID: Matrix Spike**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152506 — **Prep Batch: 3152506_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics (DRO)	<49.8		997	876		mg/kg		88	70 - 135		
Gasoline Range Hydrocarbons (GRO)	<49.8		997	919		mg/kg		92	70 - 135		

Lab Sample ID: 689939-018 SD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152506 — **Prep Batch: 3152506_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	<49.8		996	862		mg/kg		87	70 - 135	2	20
Gasoline Range Hydrocarbons (GRO)	<49.8		996	890		mg/kg		89	70 - 135	3	20

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Lab Sample ID: 7722376-1-BLK — **Client Sample ID: Method Blank**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152291 — **Prep Batch: 3152291_P**

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/02/21 16:00	03/02/21 20:54	1
Ethylbenzene	<.002	U	.002		mg/kg		03/02/21 16:00	03/02/21 20:54	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/02/21 16:00	03/02/21 20:54	1
o-Xylene	<.002	U	.002		mg/kg		03/02/21 16:00	03/02/21 20:54	1
Toluene	<.002	U	.002		mg/kg		03/02/21 16:00	03/02/21 20:54	1

Surrogate	*BLANK %Recovery*	*BLANK Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*	*03/02/21 16:00*	*03/02/21 20:54*	*1*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

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

Lab Sample ID: 7722376-1-BKS
Matrix: SOIL
Analysis Batch: 3152291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152291_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			.1	0.0848		mg/kg		85	70 - 130		
Ethylbenzene			.1	0.0866		mg/kg		87	71 - 129		
m,p-Xylenes			.2	0.177		mg/kg		89	70 - 135		
o-Xylene			.1	0.0834		mg/kg		83	71 - 133		
Toluene			.1	0.0870		mg/kg		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*115*		*70 - 130*

Lab Sample ID: 7722376-1-BSD
Matrix: SOIL
Analysis Batch: 3152291

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152291_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			.1	0.0875		mg/kg		88	70 - 130	3	35
Ethylbenzene			.1	0.0901		mg/kg		90	71 - 129	4	35
m,p-Xylenes			.2	0.184		mg/kg		92	70 - 135	4	35
o-Xylene			.1	0.0891		mg/kg		89	71 - 133	7	35
Toluene			.1	0.0917		mg/kg		92	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*134*		*70 - 130*

Lab Sample ID: 689939-009 S
Matrix: SOIL
Analysis Batch: 3152291

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152291_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<.002		.0996	0.0838		mg/kg		84	70 - 130		
Ethylbenzene	<.002		.0996	0.0871		mg/kg		87	71 - 129		
m,p-Xylenes	<.00399		.199	0.179		mg/kg		90	70 - 135		
o-Xylene	<.002		.0996	0.0862		mg/kg		87	71 - 133		
Toluene	<.002		.0996	0.0903		mg/kg		91	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*137*		*70 - 130*

Lab Sample ID: 689939-009 SD
Matrix: SOIL
Analysis Batch: 3152291

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152291_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<.002		.0998	0.0832		mg/kg		83	70 - 130	1	35
Ethylbenzene	<.002		.0998	0.0847		mg/kg		85	71 - 129	3	35
m,p-Xylenes	<.00399		.2	0.174		mg/kg		87	70 - 135	3	35
o-Xylene	<.002		.0998	0.0839		mg/kg		84	71 - 133	3	35
Toluene	<.002		.0998	0.0874		mg/kg		88	70 - 130	3	35

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

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

Lab Sample ID: 689939-009 SD
Matrix: SOIL
Analysis Batch: 3152291

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152291_P

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	134		70 - 130

Lab Sample ID: 7722460-1-BLK
Matrix: SOIL
Analysis Batch: 3152433

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152433_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/03/21 08:00	03/03/21 11:00	1
Ethylbenzene	<.002	U	.002		mg/kg		03/03/21 08:00	03/03/21 11:00	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/03/21 08:00	03/03/21 11:00	1
o-Xylene	<.002	U	.002		mg/kg		03/03/21 08:00	03/03/21 11:00	1
Toluene	<.002	U	.002		mg/kg		03/03/21 08:00	03/03/21 11:00	1

Surrogate	BLANK %Recovery	BLANK Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130	03/03/21 08:00	03/03/21 11:00	1

Lab Sample ID: 7722460-1-BKS
Matrix: SOIL
Analysis Batch: 3152433

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152433_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	.1	0.0765		mg/kg		77	70 - 130
Ethylbenzene	.1	0.0784		mg/kg		78	71 - 129
m,p-Xylenes	.2	0.154		mg/kg		77	70 - 135
o-Xylene	.1	0.0807		mg/kg		81	71 - 133
Toluene	.1	0.0719		mg/kg		72	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	95		70 - 130

Lab Sample ID: 7722460-1-BSD
Matrix: SOIL
Analysis Batch: 3152433

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152433_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	.1	0.0816		mg/kg		82	70 - 130	6	35
Ethylbenzene	.1	0.0849		mg/kg		85	71 - 129	8	35
m,p-Xylenes	.2	0.168		mg/kg		84	70 - 135	9	35
o-Xylene	.1	0.0868		mg/kg		87	71 - 133	7	35
Toluene	.1	0.0781		mg/kg		78	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	96		70 - 130

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Subcontract

Analysis Batch: 3152291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-9	BH-9 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-10	BH-10 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-11	BH-11 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-12	BH-12 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-13	BH-13 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-14	BH-14 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-15	BH-15 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-16	BH-16 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-17	BH-17 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-18	BH-18 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-19	BH-19 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-20	BH-20 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-21	BH-21 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-22	BH-22 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-23	BH-23 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-24	BH-24 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-25	BH-25 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
890-237-26	BH-26 (1')	Total/NA	Solid	8021B - BTEX	3152291_P
7722376-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3152291_P
7722376-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3152291_P
7722376-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3152291_P
689939-009 S	Matrix Spike	Total/NA	SOIL	8021B - BTEX	3152291_P
689939-009 SD	Matrix Spike Duplicate	Total/NA	SOIL	8021B - BTEX	3152291_P

Analysis Batch: 3152433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-1	BH-1 (5')	Total/NA	Solid	8021B - BTEX	3152433_P
890-237-2	BH-2 (5')	Total/NA	Solid	8021B - BTEX	3152433_P
890-237-3	BH-3 (2')	Total/NA	Solid	8021B - BTEX	3152433_P
890-237-4	BH-4 (2')	Total/NA	Solid	8021B - BTEX	3152433_P
890-237-5	BH-5 (1')	Total/NA	Solid	8021B - BTEX	3152433_P
890-237-6	BH-6 (1')	Total/NA	Solid	8021B - BTEX	3152433_P
890-237-7	BH-7 (1')	Total/NA	Solid	8021B - BTEX	3152433_P
890-237-8	BH-8 (1')	Total/NA	Solid	8021B - BTEX	3152433_P
7722460-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3152433_P
7722460-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3152433_P
7722460-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3152433_P

Analysis Batch: 3152463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-1	BH-1 (5')	Total/NA	Solid	300.0 - Chloride	3152463_P
7722417-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152463_P
7722417-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152463_P
7722417-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152463_P

Analysis Batch: 3152464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-2	BH-2 (5')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-3	BH-3 (2')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-4	BH-4 (2')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-5	BH-5 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Subcontract (Continued)

Analysis Batch: 3152464 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-6	BH-6 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-7	BH-7 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-8	BH-8 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-9	BH-9 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-10	BH-10 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-11	BH-11 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-12	BH-12 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-13	BH-13 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-14	BH-14 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-15	BH-15 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-16	BH-16 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-17	BH-17 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-18	BH-18 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-19	BH-19 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-20	BH-20 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
890-237-21	BH-21 (1')	Total/NA	Solid	300.0 - Chloride	3152464_P
7722435-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152464_P
7722435-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152464_P
7722435-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152464_P
689939-002 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3152464_P
689939-002 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3152464_P
689939-012 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3152464_P
689939-012 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3152464_P

Analysis Batch: 3152465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-22	BH-22 (1')	Total/NA	Solid	300.0 - Chloride	3152465_P
890-237-23	BH-23 (1')	Total/NA	Solid	300.0 - Chloride	3152465_P
890-237-24	BH-24 (1')	Total/NA	Solid	300.0 - Chloride	3152465_P
890-237-25	BH-25 (1')	Total/NA	Solid	300.0 - Chloride	3152465_P
890-237-26	BH-26 (1')	Total/NA	Solid	300.0 - Chloride	3152465_P
7722436-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152465_P
7722436-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152465_P
7722436-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152465_P
689939-022 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3152465_P
689939-022 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3152465_P

Analysis Batch: 3152497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-1	BH-1 (5')	Total/NA	Solid	8015 NM - TPH	3152497_P
890-237-2	BH-2 (5')	Total/NA	Solid	8015 NM - TPH	3152497_P
890-237-3	BH-3 (2')	Total/NA	Solid	8015 NM - TPH	3152497_P
890-237-4	BH-4 (2')	Total/NA	Solid	8015 NM - TPH	3152497_P
890-237-5	BH-5 (1')	Total/NA	Solid	8015 NM - TPH	3152497_P
890-237-6	BH-6 (1')	Total/NA	Solid	8015 NM - TPH	3152497_P
890-237-7	BH-7 (1')	Total/NA	Solid	8015 NM - TPH	3152497_P
890-237-8	BH-8 (1')	Total/NA	Solid	8015 NM - TPH	3152497_P
890-237-9	BH-9 (1')	Total/NA	Solid	8015 NM - TPH	3152497_P
890-237-10	BH-10 (1')	Total/NA	Solid	8015 NM - TPH	3152497_P
890-237-11	BH-11 (1')	Total/NA	Solid	8015 NM - TPH	3152497_P
890-237-12	BH-12 (1')	Total/NA	Solid	8015 NM - TPH	3152497_P

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Subcontract (Continued)

Analysis Batch: 3152497 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-13	BH-13 (1')	Total/NA	Solid	8015 NM - TPH	3152497_P
890-237-14	BH-14 (1')	Total/NA	Solid	8015 NM - TPH	3152497_P
890-237-15	BH-15 (1')	Total/NA	Solid	8015 NM - TPH	3152497_P
890-237-16	BH-16 (1')	Total/NA	Solid	8015 NM - TPH	3152497_P
890-237-17	BH-17 (1')	Total/NA	Solid	8015 NM - TPH	3152497_P
7722392-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3152497_P
7722392-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3152497_P
7722392-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3152497_P
689939-001 S	Matrix Spike	Total/NA	SOIL	8015 NM - TPH	3152497_P
689939-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	8015 NM - TPH	3152497_P

Analysis Batch: 3152506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-18	BH-18 (1')	Total/NA	Solid	8015 NM - TPH	3152506_P
890-237-19	BH-19 (1')	Total/NA	Solid	8015 NM - TPH	3152506_P
890-237-20	BH-20 (1')	Total/NA	Solid	8015 NM - TPH	3152506_P
890-237-21	BH-21 (1')	Total/NA	Solid	8015 NM - TPH	3152506_P
890-237-22	BH-22 (1')	Total/NA	Solid	8015 NM - TPH	3152506_P
890-237-23	BH-23 (1')	Total/NA	Solid	8015 NM - TPH	3152506_P
890-237-24	BH-24 (1')	Total/NA	Solid	8015 NM - TPH	3152506_P
890-237-25	BH-25 (1')	Total/NA	Solid	8015 NM - TPH	3152506_P
890-237-26	BH-26 (1')	Total/NA	Solid	8015 NM - TPH	3152506_P
7722498-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3152506_P
7722498-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3152506_P
7722498-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3152506_P
689939-018 S	Matrix Spike	Total/NA	SOIL	8015 NM - TPH	3152506_P
689939-018 SD	Matrix Spike Duplicate	Total/NA	SOIL	8015 NM - TPH	3152506_P

Prep Batch: 3152291_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-9	BH-9 (1')	Total/NA	Solid	SW5035A	
890-237-10	BH-10 (1')	Total/NA	Solid	SW5035A	
890-237-11	BH-11 (1')	Total/NA	Solid	SW5035A	
890-237-12	BH-12 (1')	Total/NA	Solid	SW5035A	
890-237-13	BH-13 (1')	Total/NA	Solid	SW5035A	
890-237-14	BH-14 (1')	Total/NA	Solid	SW5035A	
890-237-15	BH-15 (1')	Total/NA	Solid	SW5035A	
890-237-16	BH-16 (1')	Total/NA	Solid	SW5035A	
890-237-17	BH-17 (1')	Total/NA	Solid	SW5035A	
890-237-18	BH-18 (1')	Total/NA	Solid	SW5035A	
890-237-19	BH-19 (1')	Total/NA	Solid	SW5035A	
890-237-20	BH-20 (1')	Total/NA	Solid	SW5035A	
890-237-21	BH-21 (1')	Total/NA	Solid	SW5035A	
890-237-22	BH-22 (1')	Total/NA	Solid	SW5035A	
890-237-23	BH-23 (1')	Total/NA	Solid	SW5035A	
890-237-24	BH-24 (1')	Total/NA	Solid	SW5035A	
890-237-25	BH-25 (1')	Total/NA	Solid	SW5035A	
890-237-26	BH-26 (1')	Total/NA	Solid	SW5035A	
7722376-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7722376-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7722376-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3152291_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
689939-009 S	Matrix Spike	Total/NA	SOIL	SW5035A	
689939-009 SD	Matrix Spike Duplicate	Total/NA	SOIL	SW5035A	

Prep Batch: 3152433_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-1	BH-1 (5')	Total/NA	Solid	SW5035A	
890-237-2	BH-2 (5')	Total/NA	Solid	SW5035A	
890-237-3	BH-3 (2')	Total/NA	Solid	SW5035A	
890-237-4	BH-4 (2')	Total/NA	Solid	SW5035A	
890-237-5	BH-5 (1')	Total/NA	Solid	SW5035A	
890-237-6	BH-6 (1')	Total/NA	Solid	SW5035A	
890-237-7	BH-7 (1')	Total/NA	Solid	SW5035A	
890-237-8	BH-8 (1')	Total/NA	Solid	SW5035A	
7722460-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7722460-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7722460-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	

Prep Batch: 3152463_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-1	BH-1 (5')	Total/NA	Solid	E300P	
7722417-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722417-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722417-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152464_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-2	BH-2 (5')	Total/NA	Solid	E300P	
890-237-3	BH-3 (2')	Total/NA	Solid	E300P	
890-237-4	BH-4 (2')	Total/NA	Solid	E300P	
890-237-5	BH-5 (1')	Total/NA	Solid	E300P	
890-237-6	BH-6 (1')	Total/NA	Solid	E300P	
890-237-7	BH-7 (1')	Total/NA	Solid	E300P	
890-237-8	BH-8 (1')	Total/NA	Solid	E300P	
890-237-9	BH-9 (1')	Total/NA	Solid	E300P	
890-237-10	BH-10 (1')	Total/NA	Solid	E300P	
890-237-11	BH-11 (1')	Total/NA	Solid	E300P	
890-237-12	BH-12 (1')	Total/NA	Solid	E300P	
890-237-13	BH-13 (1')	Total/NA	Solid	E300P	
890-237-14	BH-14 (1')	Total/NA	Solid	E300P	
890-237-15	BH-15 (1')	Total/NA	Solid	E300P	
890-237-16	BH-16 (1')	Total/NA	Solid	E300P	
890-237-17	BH-17 (1')	Total/NA	Solid	E300P	
890-237-18	BH-18 (1')	Total/NA	Solid	E300P	
890-237-19	BH-19 (1')	Total/NA	Solid	E300P	
890-237-20	BH-20 (1')	Total/NA	Solid	E300P	
890-237-21	BH-21 (1')	Total/NA	Solid	E300P	
7722435-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3152464_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
7722435-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722435-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
689939-002 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
689939-002 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	
689939-012 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
689939-012 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152465_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-22	BH-22 (1')	Total/NA	Solid	E300P	
890-237-23	BH-23 (1')	Total/NA	Solid	E300P	
890-237-24	BH-24 (1')	Total/NA	Solid	E300P	
890-237-25	BH-25 (1')	Total/NA	Solid	E300P	
890-237-26	BH-26 (1')	Total/NA	Solid	E300P	
7722436-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722436-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722436-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
689939-022 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
689939-022 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152497_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-1	BH-1 (5')	Total/NA	Solid	SW8015P	
890-237-2	BH-2 (5')	Total/NA	Solid	SW8015P	
890-237-3	BH-3 (2')	Total/NA	Solid	SW8015P	
890-237-4	BH-4 (2')	Total/NA	Solid	SW8015P	
890-237-5	BH-5 (1')	Total/NA	Solid	SW8015P	
890-237-6	BH-6 (1')	Total/NA	Solid	SW8015P	
890-237-7	BH-7 (1')	Total/NA	Solid	SW8015P	
890-237-8	BH-8 (1')	Total/NA	Solid	SW8015P	
890-237-9	BH-9 (1')	Total/NA	Solid	SW8015P	
890-237-10	BH-10 (1')	Total/NA	Solid	SW8015P	
890-237-11	BH-11 (1')	Total/NA	Solid	SW8015P	
890-237-12	BH-12 (1')	Total/NA	Solid	SW8015P	
890-237-13	BH-13 (1')	Total/NA	Solid	SW8015P	
890-237-14	BH-14 (1')	Total/NA	Solid	SW8015P	
890-237-15	BH-15 (1')	Total/NA	Solid	SW8015P	
890-237-16	BH-16 (1')	Total/NA	Solid	SW8015P	
890-237-17	BH-17 (1')	Total/NA	Solid	SW8015P	
7722392-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722392-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3152497_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
7722392-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
689939-001 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
689939-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152506_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-237-18	BH-18 (1')	Total/NA	Solid	SW8015P	
890-237-19	BH-19 (1')	Total/NA	Solid	SW8015P	
890-237-20	BH-20 (1')	Total/NA	Solid	SW8015P	
890-237-21	BH-21 (1')	Total/NA	Solid	SW8015P	
890-237-22	BH-22 (1')	Total/NA	Solid	SW8015P	
890-237-23	BH-23 (1')	Total/NA	Solid	SW8015P	
890-237-24	BH-24 (1')	Total/NA	Solid	SW8015P	
890-237-25	BH-25 (1')	Total/NA	Solid	SW8015P	
890-237-26	BH-26 (1')	Total/NA	Solid	SW8015P	
7722498-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722498-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722498-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
689939-018 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
689939-018 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-1 (5')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152463_P	03/03/21 12:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152463	03/03/21 17:34	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/02/21 21:27	ARM	XM
Total/NA	Prep	SW5035A		1	3152433_P	03/03/21 08:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152433	03/03/21 16:28	KTL	XM

Client Sample ID: BH-2 (5')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/03/21 18:11	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/02/21 22:31	ARM	XM
Total/NA	Prep	SW5035A		1	3152433_P	03/03/21 08:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152433	03/03/21 16:49	KTL	XM

Client Sample ID: BH-3 (2')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/03/21 18:27	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/02/21 22:53	ARM	XM
Total/NA	Prep	SW5035A		1	3152433_P	03/03/21 08:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152433	03/03/21 17:09	KTL	XM

Client Sample ID: BH-4 (2')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 08:19	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/02/21 23:14	ARM	XM
Total/NA	Prep	SW5035A		1	3152433_P	03/03/21 08:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152433	03/03/21 17:30	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-5 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 08:24	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/02/21 23:35	ARM	XM
Total/NA	Prep	SW5035A		1	3152433_P	03/03/21 08:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152433	03/03/21 17:50	KTL	XM

Client Sample ID: BH-6 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 08:29	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/02/21 23:57	ARM	XM
Total/NA	Prep	SW5035A		1	3152433_P	03/03/21 08:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152433	03/03/21 18:11	KTL	XM

Client Sample ID: BH-7 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 08:45	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/03/21 00:18	ARM	XM
Total/NA	Prep	SW5035A		1	3152433_P	03/03/21 08:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152433	03/03/21 18:31	KTL	XM

Client Sample ID: BH-8 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 08:50	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/03/21 00:40	ARM	XM
Total/NA	Prep	SW5035A		1	3152433_P	03/03/21 08:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152433	03/03/21 18:51	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-9 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 08:56	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/03/21 01:01	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/02/21 21:20	MNR	XM

Client Sample ID: BH-10 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 09:01	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/03/21 01:22	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/02/21 21:46	MNR	XM

Client Sample ID: BH-11 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 09:06	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/03/21 02:05	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/02/21 22:12	MNR	XM

Client Sample ID: BH-12 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 09:12	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/03/21 02:26	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/02/21 22:39	MNR	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-13 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 09:28	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/03/21 02:47	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/02/21 23:05	MNR	XM

Client Sample ID: BH-14 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 09:33	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/03/21 03:09	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/02/21 23:31	MNR	XM

Client Sample ID: BH-15 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 09:49	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/03/21 03:30	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/02/21 23:58	MNR	XM

Client Sample ID: BH-16 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 09:54	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/03/21 03:52	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/03/21 00:24	MNR	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-17 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 10:00	CHE	XM
Total/NA	Prep	SW8015P		1	3152497_P	03/02/21 13:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152497	03/03/21 04:14	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/03/21 00:51	MNR	XM

Client Sample ID: BH-18 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 10:05	CHE	XM
Total/NA	Prep	SW8015P		1	3152506_P	03/03/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152506	03/03/21 13:03	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/03/21 01:17	MNR	XM

Client Sample ID: BH-19 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 10:10	CHE	XM
Total/NA	Prep	SW8015P		1	3152506_P	03/03/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152506	03/03/21 14:06	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/03/21 03:02	MNR	XM

Client Sample ID: BH-20 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 10:16	CHE	XM
Total/NA	Prep	SW8015P		1	3152506_P	03/03/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152506	03/03/21 14:27	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/03/21 03:29	MNR	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-21 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152464_P	03/03/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3152464	03/04/21 10:21	CHE	XM
Total/NA	Prep	SW8015P		1	3152506_P	03/03/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152506	03/03/21 14:48	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/03/21 03:55	MNR	XM

Client Sample ID: BH-22 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152465_P	03/03/21 14:35		XM
Total/NA	Analysis	300.0 - Chloride		1	3152465	03/03/21 17:35	CHE	XM
Total/NA	Prep	SW8015P		1	3152506_P	03/03/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152506	03/03/21 15:09	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/03/21 04:22	MNR	XM

Client Sample ID: BH-23 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152465_P	03/03/21 14:35		XM
Total/NA	Analysis	300.0 - Chloride		1	3152465	03/03/21 17:54	CHE	XM
Total/NA	Prep	SW8015P		1	3152506_P	03/03/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152506	03/03/21 15:31	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/03/21 04:48	MNR	XM

Client Sample ID: BH-24 (1')
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Lab Sample ID: 890-237-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152465_P	03/03/21 14:35		XM
Total/NA	Analysis	300.0 - Chloride		1	3152465	03/03/21 18:01	CHE	XM
Total/NA	Prep	SW8015P		1	3152506_P	03/03/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152506	03/03/21 15:52	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/03/21 05:14	MNR	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Client Sample ID: BH-25 (1')

Lab Sample ID: 890-237-25
Matrix: Solid
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152465_P	03/03/21 14:35		XM
Total/NA	Analysis	300.0 - Chloride		1	3152465	03/03/21 18:07	CHE	XM
Total/NA	Prep	SW8015P		1	3152506_P	03/03/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152506	03/03/21 16:14	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/03/21 05:41	MNR	XM

Client Sample ID: BH-26 (1')

Lab Sample ID: 890-237-26
Matrix: Solid
Date Collected: 03/01/21 00:00
Date Received: 03/02/21 08:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152465_P	03/03/21 14:35		XM
Total/NA	Analysis	300.0 - Chloride		1	3152465	03/03/21 18:14	CHE	XM
Total/NA	Prep	SW8015P		1	3152506_P	03/03/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152506	03/03/21 16:35	ARM	XM
Total/NA	Prep	SW5035A		1	3152291_P	03/02/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152291	03/03/21 06:06	MNR	XM

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc. Job ID: 890-237-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Method	Method Description	Protocol	Laboratory
300.0	EPA 300.0	EPA	XM
8015B	SW846 8015B TPH ORO	SW846	XM
8021	SW846 8021 Volatile Organic Compounds	SW846	XM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-237-1
SDG: 212C-MD-02339

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
890-237-1	BH-1 (5')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-2	BH-2 (5')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-3	BH-3 (2')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-4	BH-4 (2')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-5	BH-5 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-6	BH-6 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-7	BH-7 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-8	BH-8 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-9	BH-9 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-10	BH-10 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-11	BH-11 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-12	BH-12 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-13	BH-13 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-14	BH-14 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-15	BH-15 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-16	BH-16 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-17	BH-17 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-18	BH-18 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-19	BH-19 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-20	BH-20 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-21	BH-21 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-22	BH-22 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-23	BH-23 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-24	BH-24 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-25	BH-25 (1')	Solid	03/01/21 00:00	03/02/21 08:32	
890-237-26	BH-26 (1')	Solid	03/01/21 00:00	03/02/21 08:32	

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

890-237 Chain of Custody

3/4/2021

Client Name: EOG	Site Manager: Brittany Long
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, NM	Project #: 212C-MD-02339
Invoice to: Todd Wells	
Receiving Laboratory: Xenco	Sampler Signature: Ezequiel Moreno
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)
	BH-1 (5')	3/1/21			X			X		1	N
	BH-2 (5')	"			X			X		1	N
	BH-3 (2')										
	BH-4 (2')										
	BH-5 (1')										
	BH-6 (1')										
	BH-7 (1')										
	BH-8 (1')										
	BH-9 (1')										
	BH-10 (1')	↓			↓			↓		↓	↓

ANALYSIS REQUEST
(Circle or Specify Method No.)

BTEX 8021B: X (BH-1, BH-2)
TPH TX1005 (Ext to C35):
TPH 8015M (GRO - DRO - ORO - MRO): X (BH-1, BH-2)
PAH 8270C:
Total Metals Ag As Ba Cd Cr Pb Se Hg:
TCLP Metals Ag As Ba Cd Cr Pb Se Hg:
TCLP Volatiles:
TCLP Semi Volatiles:
RCI:
GC/MS Vol. 8260B / 624:
GC/MS Semi. Vol. 8270C/625:
PCB's 8082 / 608:
NORM:
PLM (Asbestos):
Chloride 300.0: X (BH-1, BH-2)
Chloride
Sulfate
TDS
General Water Chemistry (see attached list)
Anion/Cation Balance
TPH 8015R
Hold

Relinquished by: Emily Munoz Date: Time:
Received by: Clara Cardoza 3-2-21 0832 Date: Time:

Relinquished by: Date: Time:
Received by: Date: Time:

Relinquished by: Date: Time:
Received by: Date: Time:

LAB USE ONLY
Sample Temperature 2.8/2.6

REMARKS:
☐ STANDARD
☒ RUSH: Same Day 24 hr 48 hr 72 hr
☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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Released to Imaging: 1/14/2022 2:45:36 PM

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Analysis Request of Chain of Custody Record

3/4/2021

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Brittany Long
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, NM	**Project #:** 212C-MD-02339
Invoice to: Todd Wells	
Receiving Laboratory: Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)
	BH-21 (1')	3/1/21			X			X		1	N
	BH-22 (1')				X			X		1	N
	BH-23 (1')										
	BH-24 (1')										
	BH-25 (1')										
	BH-26 (1')										

BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R	Hold
X		X												X					

Relinquished by: Ezequiel Moreno	Date:	Time:	Received by: Cloe Cuttz 3.2.21 0837
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY

Sample Temperature: See Page 1

REMARKS:

- ☐ STANDARD
- ☒ 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

Received by OCD: 12/21/2021 3:26:13 PM

Released to Imaging: 1/14/2022 2:45:36 PM

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-237-1
SDG Number: 212C-MD-02339

Login Number: 237
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.	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	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-240-1
Laboratory Sample Delivery Group: 212C-MD-02339
Client Project/Site: Fox 30 State Com

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
3/8/2021 6:36:10 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Laboratory Job ID: 890-240-1
SDG: 212C-MD-02339

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Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-240-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Qualifiers

Subcontract

Qualifier	Qualifier Description
H	The LCS data for this analytical batch was reported above the laboratory control limits. Supporting
U	Analyte was 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. Job ID: 890-240-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Job ID: 890-240-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-240-1

Receipt
The samples were received on 3/3/2021 8:23 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.6°C

Receipt Exceptions
The following samples analyzed for method <FRACTION_METHOD> were received and analyzed from an unpreserved bulk soil jar: BH-27 (1') (890-240-1), BH-28 (1') (890-240-2), BH-29 (1') (890-240-3), BH-30 (1') (890-240-4), BH-31 (1') (890-240-5), BH-32 (1') (890-240-6), BH-33 (1') (890-240-7), BH-34 (1') (890-240-8), BH-35 (1') (890-240-9), BH-36 (1') (890-240-10), BH-37 (1') (890-240-11), BH-38 (1') (890-240-12), BH-39 (1') (890-240-13), BH-40 (1') (890-240-14), BH-41 (1') (890-240-15), BH-42 (1') (890-240-16), BH-43 (1') (890-240-17), BH-44 (1') (890-240-18), BH-45 (1') (890-240-19), BH-46 (1') (890-240-20), BH-47 (1') (890-240-21), BH-48 (1') (890-240-22), BH-49 (0.5') (890-240-23), BH-50 (0.5') (890-240-24), BH-51 (0.5') (890-240-25), BH-52 (0.5') (890-240-26), BH-53 (0.5') (890-240-27), BH-54 (0.5') (890-240-28), BH-55 (0.5') (890-240-29), BH-56 (0.5') (890-240-30), BH-57 (0.5') (890-240-31), BH-58 (0.5') (890-240-32) and BH-59 (0.5') (890-240-33).

btex 8021

The following samples were received at the laboratory without a sample collection time documented on the chain of custody: BH-27 (1') (890-240-1), BH-28 (1') (890-240-2), BH-29 (1') (890-240-3), BH-30 (1') (890-240-4), BH-31 (1') (890-240-5), BH-32 (1') (890-240-6), BH-33 (1') (890-240-7), BH-34 (1') (890-240-8), BH-35 (1') (890-240-9), BH-36 (1') (890-240-10), BH-37 (1') (890-240-11), BH-38 (1') (890-240-12), BH-39 (1') (890-240-13), BH-40 (1') (890-240-14), BH-41 (1') (890-240-15), BH-42 (1') (890-240-16), BH-43 (1') (890-240-17), BH-44 (1') (890-240-18), BH-45 (1') (890-240-19), BH-46 (1') (890-240-20), BH-47 (1') (890-240-21), BH-48 (1') (890-240-22), BH-49 (0.5') (890-240-23), BH-50 (0.5') (890-240-24), BH-51 (0.5') (890-240-25), BH-52 (0.5') (890-240-26), BH-53 (0.5') (890-240-27), BH-54 (0.5') (890-240-28), BH-55 (0.5') (890-240-29), BH-56 (0.5') (890-240-30), BH-57 (0.5') (890-240-31), BH-58 (0.5') (890-240-32) and BH-59 (0.5') (890-240-33). The client was contacted, and the laboratory was instructed to <CHOOSE_ONE> use a sample collection time of 12:00am OR <EXPLANATION_REQUIRED>

Samples logged in as 00:00

Subcontract Lab non-Sister Lab
See attached subcontract report.

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-27 (1')

Lab Sample ID: 890-240-1
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.3		5.02		mg/kg		03/05/21 11:40	03/05/21 10:59	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 11:35	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U H	49.9		mg/kg		03/04/21 12:00	03/04/21 11:35	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 11:35	1
Total TPH	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 135*	*03/04/21 12:00*	*03/04/21 11:35*	*1*
o-Terphenyl	*81*		*70 - 135*	*03/04/21 12:00*	*03/04/21 11:35*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/03/21 12:30	03/04/21 07:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/03/21 12:30	03/04/21 07:43	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/03/21 12:30	03/04/21 07:43	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/03/21 12:30	03/04/21 07:43	1
Toluene	<0.00201	U	0.00201		mg/kg		03/03/21 12:30	03/04/21 07:43	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/03/21 12:30	03/04/21 07:43	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/03/21 12:30	03/04/21 07:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*102*		*70 - 130*	*03/03/21 12:30*	*03/04/21 07:43*	*1*
4-Bromofluorobenzene	*141*		*70 - 130*	*03/03/21 12:30*	*03/04/21 07:43*	*1*

Client Sample ID: BH-28 (1')

Lab Sample ID: 890-240-2
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		4.95		mg/kg		03/04/21 18:10	03/04/21 23:21	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 12:37	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U H	49.9		mg/kg		03/04/21 12:00	03/04/21 12:37	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 12:37	1
Total TPH	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 135*	*03/04/21 12:00*	*03/04/21 12:37*	*1*
o-Terphenyl	*88*		*70 - 135*	*03/04/21 12:00*	*03/04/21 12:37*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/03/21 12:30	03/04/21 08:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/03/21 12:30	03/04/21 08:08	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/03/21 12:30	03/04/21 08:08	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/03/21 12:30	03/04/21 08:08	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-240-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Client Sample ID: BH-28 (1') Lab Sample ID: 890-240-2

Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00199	U	0.00199		mg/kg		03/03/21 12:30	03/04/21 08:08	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/03/21 12:30	03/04/21 08:08	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/03/21 12:30	03/04/21 08:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*97*		*70 - 130*	*03/03/21 12:30*	*03/04/21 08:08*	*1*
4-Bromofluorobenzene	*136*		*70 - 130*	*03/03/21 12:30*	*03/04/21 08:08*	*1*

Client Sample ID: BH-29 (1') Lab Sample ID: 890-240-3

Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		4.95		mg/kg		03/04/21 18:10	03/04/21 23:26	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 12:58	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U H	50.0		mg/kg		03/04/21 12:00	03/04/21 12:58	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 12:58	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 135*	*03/04/21 12:00*	*03/04/21 12:58*	*1*
o-Terphenyl	*86*		*70 - 135*	*03/04/21 12:00*	*03/04/21 12:58*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/03/21 12:30	03/04/21 08:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/03/21 12:30	03/04/21 08:34	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/03/21 12:30	03/04/21 08:34	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/03/21 12:30	03/04/21 08:34	1
Toluene	<0.00200	U	0.00200		mg/kg		03/03/21 12:30	03/04/21 08:34	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/03/21 12:30	03/04/21 08:34	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/03/21 12:30	03/04/21 08:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*88*		*70 - 130*	*03/03/21 12:30*	*03/04/21 08:34*	*1*
4-Bromofluorobenzene	*126*		*70 - 130*	*03/03/21 12:30*	*03/04/21 08:34*	*1*

Client Sample ID: BH-30 (1') Lab Sample ID: 890-240-4

Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.1**		4.95		mg/kg		03/04/21 18:10	03/04/21 23:32	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 13:19	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-30 (1')

Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-4

Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<50.0	U H	50.0		mg/kg		03/04/21 12:00	03/04/21 13:19	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 13:19	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 135*	*03/04/21 12:00*	*03/04/21 13:19*	*1*
o-Terphenyl	*86*		*70 - 135*	*03/04/21 12:00*	*03/04/21 13:19*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/03/21 12:30	03/04/21 09:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/03/21 12:30	03/04/21 09:00	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/03/21 12:30	03/04/21 09:00	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/03/21 12:30	03/04/21 09:00	1
Toluene	<0.00199	U	0.00199		mg/kg		03/03/21 12:30	03/04/21 09:00	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/03/21 12:30	03/04/21 09:00	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/03/21 12:30	03/04/21 09:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*89*		*70 - 130*	*03/03/21 12:30*	*03/04/21 09:00*	*1*
4-Bromofluorobenzene	*133*		*70 - 130*	*03/03/21 12:30*	*03/04/21 09:00*	*1*

Client Sample ID: BH-31 (1')

Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-5

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		5.04		mg/kg		03/04/21 18:10	03/04/21 23:37	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 13:41	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U H	49.9		mg/kg		03/04/21 12:00	03/04/21 13:41	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 13:41	1
Total TPH	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 135*	*03/04/21 12:00*	*03/04/21 13:41*	*1*
o-Terphenyl	*90*		*70 - 135*	*03/04/21 12:00*	*03/04/21 13:41*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 22:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 22:14	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/03/21 16:00	03/03/21 22:14	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 22:14	1
Toluene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 22:14	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 22:14	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 22:14	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-240-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Client Sample ID: BH-31 (1') Lab Sample ID: 890-240-5

Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	94		70 - 130	03/03/21 16:00	03/03/21 22:14	1
4-Bromofluorobenzene	99		70 - 130	03/03/21 16:00	03/03/21 22:14	1

Client Sample ID: BH-32 (1') Lab Sample ID: 890-240-6

Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.4		5.00		mg/kg		03/04/21 18:10	03/04/21 23:53	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 14:02	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U H	50.0		mg/kg		03/04/21 12:00	03/04/21 14:02	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 14:02	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 14:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 135	03/04/21 12:00	03/04/21 14:02	1
o-Terphenyl	84		70 - 135	03/04/21 12:00	03/04/21 14:02	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/03/21 22:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/03/21 22:34	1
m,p-Xylenes	<0.00396	U	0.00396		mg/kg		03/03/21 16:00	03/03/21 22:34	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/03/21 22:34	1
Toluene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/03/21 22:34	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/03/21 22:34	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/03/21 22:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	92		70 - 130	03/03/21 16:00	03/03/21 22:34	1
4-Bromofluorobenzene	98		70 - 130	03/03/21 16:00	03/03/21 22:34	1

Client Sample ID: BH-33 (1') Lab Sample ID: 890-240-7

Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		4.95		mg/kg		03/04/21 18:10	03/04/21 23:58	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 14:23	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U H	50.0		mg/kg		03/04/21 12:00	03/04/21 14:23	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 14:23	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 14:23	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-33 (1')

Lab Sample ID: 890-240-7
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 135	03/04/21 12:00	03/04/21 14:23	1
o-Terphenyl	87		70 - 135	03/04/21 12:00	03/04/21 14:23	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 22:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 22:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/03/21 16:00	03/03/21 22:55	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 22:55	1
Toluene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 22:55	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 22:55	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	94		70 - 130	03/03/21 16:00	03/03/21 22:55	1
4-Bromofluorobenzene	96		70 - 130	03/03/21 16:00	03/03/21 22:55	1

Client Sample ID: BH-34 (1')

Lab Sample ID: 890-240-8
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		5.03		mg/kg		03/04/21 18:10	03/05/21 00:14	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 14:44	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U H	49.9		mg/kg		03/04/21 12:00	03/04/21 14:44	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 14:44	1
Total TPH	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 14:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 135	03/04/21 12:00	03/04/21 14:44	1
o-Terphenyl	82		70 - 135	03/04/21 12:00	03/04/21 14:44	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 23:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 23:15	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/03/21 16:00	03/03/21 23:15	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 23:15	1
Toluene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 23:15	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 23:15	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 23:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	92		70 - 130	03/03/21 16:00	03/03/21 23:15	1
4-Bromofluorobenzene	100		70 - 130	03/03/21 16:00	03/03/21 23:15	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-35 (1')

Lab Sample ID: 890-240-9
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		4.98		mg/kg		03/04/21 18:10	03/05/21 00:20	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 15:05	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U H	50.0		mg/kg		03/04/21 12:00	03/04/21 15:05	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 15:05	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 135*	*03/04/21 12:00*	*03/04/21 15:05*	*1*
o-Terphenyl	*84*		*70 - 135*	*03/04/21 12:00*	*03/04/21 15:05*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 23:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 23:36	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/03/21 16:00	03/03/21 23:36	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 23:36	1
Toluene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 23:36	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 23:36	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/03/21 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*96*		*70 - 130*	*03/03/21 16:00*	*03/03/21 23:36*	*1*
4-Bromofluorobenzene	*100*		*70 - 130*	*03/03/21 16:00*	*03/03/21 23:36*	*1*

Client Sample ID: BH-36 (1')

Lab Sample ID: 890-240-10
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		5.00		mg/kg		03/04/21 18:10	03/05/21 00:25	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 15:26	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U H	49.9		mg/kg		03/04/21 12:00	03/04/21 15:26	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 15:26	1
Total TPH	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 135*	*03/04/21 12:00*	*03/04/21 15:26*	*1*
o-Terphenyl	*87*		*70 - 135*	*03/04/21 12:00*	*03/04/21 15:26*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/03/21 23:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/03/21 23:56	1
m,p-Xylenes	<0.00397	U	0.00397		mg/kg		03/03/21 16:00	03/03/21 23:56	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/03/21 23:56	1

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Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-240-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Client Sample ID: BH-36 (1') Lab Sample ID: 890-240-10
Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/03/21 23:56	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/03/21 23:56	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/03/21 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*90*		*70 - 130*	*03/03/21 16:00*	*03/03/21 23:56*	*1*
4-Bromofluorobenzene	*101*		*70 - 130*	*03/03/21 16:00*	*03/03/21 23:56*	*1*

Client Sample ID: BH-37 (1') Lab Sample ID: 890-240-11
Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		5.04		mg/kg		03/04/21 18:10	03/05/21 00:30	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 16:09	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U H	49.9		mg/kg		03/04/21 12:00	03/04/21 16:09	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 16:09	1
Total TPH	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 135*	*03/04/21 12:00*	*03/04/21 16:09*	*1*
o-Terphenyl	*88*		*70 - 135*	*03/04/21 12:00*	*03/04/21 16:09*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 00:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 00:17	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/03/21 16:00	03/04/21 00:17	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 00:17	1
Toluene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 00:17	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 00:17	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*86*		*70 - 130*	*03/03/21 16:00*	*03/04/21 00:17*	*1*
4-Bromofluorobenzene	*105*		*70 - 130*	*03/03/21 16:00*	*03/04/21 00:17*	*1*

Client Sample ID: BH-38 (1') Lab Sample ID: 890-240-12
Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		5.02		mg/kg		03/04/21 18:10	03/05/21 00:36	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 16:30	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-38 (1')

Lab Sample ID: 890-240-12
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<50.0	U H	50.0		mg/kg		03/04/21 12:00	03/04/21 16:30	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 16:30	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 135*	*03/04/21 12:00*	*03/04/21 16:30*	*1*
o-Terphenyl	*82*		*70 - 135*	*03/04/21 12:00*	*03/04/21 16:30*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 00:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 00:37	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/03/21 16:00	03/04/21 00:37	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 00:37	1
Toluene	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 00:37	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 00:37	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*87*		*70 - 130*	*03/03/21 16:00*	*03/04/21 00:37*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*	*03/03/21 16:00*	*03/04/21 00:37*	*1*

Client Sample ID: BH-39 (1')

Lab Sample ID: 890-240-13
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**124**		4.96		mg/kg		03/04/21 18:10	03/05/21 00:41	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 16:51	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U H	50.0		mg/kg		03/04/21 12:00	03/04/21 16:51	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 16:51	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 135*	*03/04/21 12:00*	*03/04/21 16:51*	*1*
o-Terphenyl	*92*		*70 - 135*	*03/04/21 12:00*	*03/04/21 16:51*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 00:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 00:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/03/21 16:00	03/04/21 00:58	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 00:58	1
Toluene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 00:58	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 00:58	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 00:58	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-39 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-13
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	91		70 - 130	03/03/21 16:00	03/04/21 00:58	1
4-Bromofluorobenzene	100		70 - 130	03/03/21 16:00	03/04/21 00:58	1

Client Sample ID: BH-40 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-14
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.9		4.97		mg/kg		03/05/21 11:40	03/05/21 11:14	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 17:12	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U H	49.9		mg/kg		03/04/21 12:00	03/04/21 17:12	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 17:12	1
Total TPH	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 135	03/04/21 12:00	03/04/21 17:12	1
o-Terphenyl	82		70 - 135	03/04/21 12:00	03/04/21 17:12	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/03/21 16:00	03/04/21 02:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/03/21 16:00	03/04/21 02:39	1
m,p-Xylenes	<0.00403	U	0.00403		mg/kg		03/03/21 16:00	03/04/21 02:39	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/03/21 16:00	03/04/21 02:39	1
Toluene	<0.00202	U	0.00202		mg/kg		03/03/21 16:00	03/04/21 02:39	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/03/21 16:00	03/04/21 02:39	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/03/21 16:00	03/04/21 02:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	94		70 - 130	03/03/21 16:00	03/04/21 02:39	1
4-Bromofluorobenzene	109		70 - 130	03/03/21 16:00	03/04/21 02:39	1

Client Sample ID: BH-41 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-15
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.2		5.05		mg/kg		03/04/21 19:10	03/04/21 22:36	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/04/21 12:00	03/04/21 17:33	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U H	49.8		mg/kg		03/04/21 12:00	03/04/21 17:33	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/04/21 12:00	03/04/21 17:33	1
Total TPH	<49.8	U	49.8		mg/kg		03/04/21 12:00	03/04/21 17:33	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-41 (1')

Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-15
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 135	03/04/21 12:00	03/04/21 17:33	1
o-Terphenyl	79		70 - 135	03/04/21 12:00	03/04/21 17:33	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 03:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 03:00	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/03/21 16:00	03/04/21 03:00	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 03:00	1
Toluene	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 03:00	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 03:00	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 03:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	91		70 - 130	03/03/21 16:00	03/04/21 03:00	1
4-Bromofluorobenzene	108		70 - 130	03/03/21 16:00	03/04/21 03:00	1

Client Sample ID: BH-42 (1')

Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-16
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.5		5.05		mg/kg		03/04/21 19:10	03/04/21 22:54	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 17:54	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U H	50.0		mg/kg		03/04/21 12:00	03/04/21 17:54	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 17:54	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 135	03/04/21 12:00	03/04/21 17:54	1
o-Terphenyl	79		70 - 135	03/04/21 12:00	03/04/21 17:54	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 03:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 03:20	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/03/21 16:00	03/04/21 03:20	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 03:20	1
Toluene	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 03:20	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 03:20	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/03/21 16:00	03/04/21 03:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	91		70 - 130	03/03/21 16:00	03/04/21 03:20	1
4-Bromofluorobenzene	106		70 - 130	03/03/21 16:00	03/04/21 03:20	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-43 (1')

Lab Sample ID: 890-240-17
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.2		4.95		mg/kg		03/04/21 19:10	03/04/21 23:00	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 18:16	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U H	49.9		mg/kg		03/04/21 12:00	03/04/21 18:16	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 18:16	1
Total TPH	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 135*	*03/04/21 12:00*	*03/04/21 18:16*	*1*
o-Terphenyl	*81*		*70 - 135*	*03/04/21 12:00*	*03/04/21 18:16*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/04/21 03:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/04/21 03:41	1
m,p-Xylenes	<0.00396	U	0.00396		mg/kg		03/03/21 16:00	03/04/21 03:41	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/04/21 03:41	1
Toluene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/04/21 03:41	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/04/21 03:41	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/04/21 03:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*91*		*70 - 130*	*03/03/21 16:00*	*03/04/21 03:41*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*	*03/03/21 16:00*	*03/04/21 03:41*	*1*

Client Sample ID: BH-44 (1')

Lab Sample ID: 890-240-18
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.5		4.98		mg/kg		03/04/21 19:10	03/04/21 23:05	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 18:37	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U H	50.0		mg/kg		03/04/21 12:00	03/04/21 18:37	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 18:37	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 135*	*03/04/21 12:00*	*03/04/21 18:37*	*1*
o-Terphenyl	*81*		*70 - 135*	*03/04/21 12:00*	*03/04/21 18:37*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/04/21 04:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/04/21 04:01	1
m,p-Xylenes	<0.00396	U	0.00396		mg/kg		03/03/21 16:00	03/04/21 04:01	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/04/21 04:01	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-240-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Client Sample ID: BH-44 (1') Lab Sample ID: 890-240-18
Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/04/21 04:01	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/04/21 04:01	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/03/21 16:00	03/04/21 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*91*		*70 - 130*	*03/03/21 16:00*	*03/04/21 04:01*	*1*
4-Bromofluorobenzene	*100*		*70 - 130*	*03/03/21 16:00*	*03/04/21 04:01*	*1*

Client Sample ID: BH-45 (1') Lab Sample ID: 890-240-19
Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.4**		4.98		mg/kg		03/04/21 19:10	03/04/21 23:11	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 18:58	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U H	49.9		mg/kg		03/04/21 12:00	03/04/21 18:58	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 18:58	1
Total TPH	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 135*	*03/04/21 12:00*	*03/04/21 18:58*	*1*
o-Terphenyl	*80*		*70 - 135*	*03/04/21 12:00*	*03/04/21 18:58*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/03/21 16:00	03/04/21 04:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/03/21 16:00	03/04/21 04:21	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/03/21 16:00	03/04/21 04:21	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/03/21 16:00	03/04/21 04:21	1
Toluene	<0.00201	U	0.00201		mg/kg		03/03/21 16:00	03/04/21 04:21	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/03/21 16:00	03/04/21 04:21	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/03/21 16:00	03/04/21 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*91*		*70 - 130*	*03/03/21 16:00*	*03/04/21 04:21*	*1*
4-Bromofluorobenzene	*102*		*70 - 130*	*03/03/21 16:00*	*03/04/21 04:21*	*1*

Client Sample ID: BH-46 (1') Lab Sample ID: 890-240-20
Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.5**		5.02		mg/kg		03/04/21 19:10	03/04/21 23:29	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/04/21 12:00	03/04/21 19:19	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-46 (1')

Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-20

Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<49.8	U H	49.8		mg/kg		03/04/21 12:00	03/04/21 19:19	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/04/21 12:00	03/04/21 19:19	1
Total TPH	<49.8	U	49.8		mg/kg		03/04/21 12:00	03/04/21 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 135*	*03/04/21 12:00*	*03/04/21 19:19*	*1*
o-Terphenyl	*84*		*70 - 135*	*03/04/21 12:00*	*03/04/21 19:19*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 04:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 04:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/03/21 16:00	03/04/21 04:42	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 04:42	1
Toluene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 04:42	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 04:42	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 04:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*89*		*70 - 130*	*03/03/21 16:00*	*03/04/21 04:42*	*1*
4-Bromofluorobenzene	*103*		*70 - 130*	*03/03/21 16:00*	*03/04/21 04:42*	*1*

Client Sample ID: BH-47 (1')

Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-21

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.7**		4.99		mg/kg		03/04/21 19:10	03/04/21 23:34	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 11:35	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 11:35	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 11:35	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 135*	*03/04/21 12:00*	*03/04/21 11:35*	*1*
o-Terphenyl	*87*		*70 - 135*	*03/04/21 12:00*	*03/04/21 11:35*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 05:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 05:02	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/03/21 16:00	03/04/21 05:02	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 05:02	1
Toluene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 05:02	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 05:02	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 05:02	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-47 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-21
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	93		70 - 130	03/03/21 16:00	03/04/21 05:02	1
4-Bromofluorobenzene	94		70 - 130	03/03/21 16:00	03/04/21 05:02	1

Client Sample ID: BH-48 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-22
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		4.95		mg/kg		03/04/21 19:10	03/04/21 23:40	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 12:37	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 12:37	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 12:37	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 12:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 135	03/04/21 12:00	03/04/21 12:37	1
o-Terphenyl	78		70 - 135	03/04/21 12:00	03/04/21 12:37	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 05:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 05:23	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/03/21 16:00	03/04/21 05:23	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 05:23	1
Toluene	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 05:23	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 05:23	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/03/21 16:00	03/04/21 05:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	91		70 - 130	03/03/21 16:00	03/04/21 05:23	1
4-Bromofluorobenzene	98		70 - 130	03/03/21 16:00	03/04/21 05:23	1

Client Sample ID: BH-49 (0.5')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-23
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	184		5.04		mg/kg		03/04/21 19:10	03/04/21 23:46	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 12:58	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 12:58	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 12:58	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 12:58	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-49 (0.5')

Lab Sample ID: 890-240-23
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 135	03/04/21 12:00	03/04/21 12:58	1
o-Terphenyl	75		70 - 135	03/04/21 12:00	03/04/21 12:58	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/03/21 16:00	03/04/21 05:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/03/21 16:00	03/04/21 05:43	1
m,p-Xylenes	<0.00403	U	0.00403		mg/kg		03/03/21 16:00	03/04/21 05:43	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/03/21 16:00	03/04/21 05:43	1
Toluene	<0.00202	U	0.00202		mg/kg		03/03/21 16:00	03/04/21 05:43	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/03/21 16:00	03/04/21 05:43	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/03/21 16:00	03/04/21 05:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	92		70 - 130	03/03/21 16:00	03/04/21 05:43	1
4-Bromofluorobenzene	98		70 - 130	03/03/21 16:00	03/04/21 05:43	1

Client Sample ID: BH-50 (0.5')

Lab Sample ID: 890-240-24
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.9		4.95		mg/kg		03/04/21 19:10	03/04/21 23:52	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 13:19	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 13:19	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 13:19	1
Total TPH	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	67		70 - 135	03/04/21 12:00	03/04/21 13:19	1
o-Terphenyl	70		70 - 135	03/04/21 12:00	03/04/21 13:19	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 13:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 13:37	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/03/21 17:00	03/04/21 13:37	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 13:37	1
Toluene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 13:37	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 13:37	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	88		70 - 130	03/03/21 17:00	03/04/21 13:37	1
4-Bromofluorobenzene	116		70 - 130	03/03/21 17:00	03/04/21 13:37	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-51 (0.5')

Lab Sample ID: 890-240-25
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.91		5.00		mg/kg		03/04/21 19:10	03/04/21 23:58	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/04/21 12:00	03/04/21 13:41	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/04/21 12:00	03/04/21 13:41	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/04/21 12:00	03/04/21 13:41	1
Total TPH	<49.8	U	49.8		mg/kg		03/04/21 12:00	03/04/21 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*68*		*70 - 135*	*03/04/21 12:00*	*03/04/21 13:41*	*1*
o-Terphenyl	*71*		*70 - 135*	*03/04/21 12:00*	*03/04/21 13:41*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 13:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 13:12	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/03/21 17:00	03/04/21 13:12	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 13:12	1
Toluene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 13:12	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 13:12	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*80*		*70 - 130*	*03/03/21 17:00*	*03/04/21 13:12*	*1*
4-Bromofluorobenzene	*127*		*70 - 130*	*03/03/21 17:00*	*03/04/21 13:12*	*1*

Client Sample ID: BH-52 (0.5')

Lab Sample ID: 890-240-26
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.1		5.03		mg/kg		03/04/21 19:10	03/05/21 00:15	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 14:02	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 14:02	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 14:02	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 135*	*03/04/21 12:00*	*03/04/21 14:02*	*1*
o-Terphenyl	*72*		*70 - 135*	*03/04/21 12:00*	*03/04/21 14:02*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 14:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 14:03	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/03/21 17:00	03/04/21 14:03	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 14:03	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-240-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Client Sample ID: BH-52 (0.5') Lab Sample ID: 890-240-26
Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 14:03	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 14:03	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*95*		*70 - 130*	*03/03/21 17:00*	*03/04/21 14:03*	*1*
4-Bromofluorobenzene	*129*		*70 - 130*	*03/03/21 17:00*	*03/04/21 14:03*	*1*

Client Sample ID: BH-53 (0.5') Lab Sample ID: 890-240-27
Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.8**		4.98		mg/kg		03/04/21 19:10	03/05/21 00:21	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 14:23	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 14:23	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 14:23	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 135*	*03/04/21 12:00*	*03/04/21 14:23*	*1*
o-Terphenyl	*75*		*70 - 135*	*03/04/21 12:00*	*03/04/21 14:23*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 14:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 14:28	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/03/21 17:00	03/04/21 14:28	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 14:28	1
Toluene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 14:28	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 14:28	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*98*		*70 - 130*	*03/03/21 17:00*	*03/04/21 14:28*	*1*
4-Bromofluorobenzene	*140*		*70 - 130*	*03/03/21 17:00*	*03/04/21 14:28*	*1*

Client Sample ID: BH-54 (0.5') Lab Sample ID: 890-240-28
Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**215**		4.99		mg/kg		03/04/21 19:10	03/05/21 00:38	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 14:44	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-54 (0.5')

Lab Sample ID: 890-240-28
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 14:44	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 14:44	1
Total TPH	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*69*		*70 - 135*	*03/04/21 12:00*	*03/04/21 14:44*	*1*
o-Terphenyl	*71*		*70 - 135*	*03/04/21 12:00*	*03/04/21 14:44*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 14:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 14:53	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/03/21 17:00	03/04/21 14:53	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 14:53	1
Toluene	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 14:53	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 14:53	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*101*		*70 - 130*	*03/03/21 17:00*	*03/04/21 14:53*	*1*
4-Bromofluorobenzene	*137*		*70 - 130*	*03/03/21 17:00*	*03/04/21 14:53*	*1*

Client Sample ID: BH-55 (0.5')

Lab Sample ID: 890-240-29
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**270**		5.04		mg/kg		03/04/21 19:10	03/05/21 00:44	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 15:05	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 15:05	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 15:05	1
Total TPH	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*161*		*70 - 135*	*03/04/21 12:00*	*03/04/21 15:05*	*1*
o-Terphenyl	*82*		*70 - 135*	*03/04/21 12:00*	*03/04/21 15:05*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 15:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 15:18	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/03/21 17:00	03/04/21 15:18	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 15:18	1
Toluene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 15:18	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 15:18	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 15:18	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-55 (0.5')

Lab Sample ID: 890-240-29
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*99*		*70 - 130*	*03/03/21 17:00*	*03/04/21 15:18*	*1*
4-Bromofluorobenzene	*130*		*70 - 130*	*03/03/21 17:00*	*03/04/21 15:18*	*1*

Client Sample ID: BH-56 (0.5')

Lab Sample ID: 890-240-30
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**260**		5.00		mg/kg		03/04/21 19:10	03/05/21 00:50	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 15:26	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 15:26	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 15:26	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*67*		*70 - 135*	*03/04/21 12:00*	*03/04/21 15:26*	*1*
o-Terphenyl	*68*		*70 - 135*	*03/04/21 12:00*	*03/04/21 15:26*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 15:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 15:43	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/03/21 17:00	03/04/21 15:43	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 15:43	1
Toluene	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 15:43	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 15:43	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/03/21 17:00	03/04/21 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*98*		*70 - 130*	*03/03/21 17:00*	*03/04/21 15:43*	*1*
4-Bromofluorobenzene	*135*		*70 - 130*	*03/03/21 17:00*	*03/04/21 15:43*	*1*

Client Sample ID: BH-57 (0.5')

Lab Sample ID: 890-240-31
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**257**		5.00		mg/kg		03/04/21 19:10	03/05/21 00:55	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 16:09	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 16:09	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 16:09	1
Total TPH	<50.0	U	50.0		mg/kg		03/04/21 12:00	03/04/21 16:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-57 (0.5')

Lab Sample ID: 890-240-31
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68		70 - 135	03/04/21 12:00	03/04/21 16:09	1
o-Terphenyl	70		70 - 135	03/04/21 12:00	03/04/21 16:09	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 16:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 16:08	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/03/21 17:00	03/04/21 16:08	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 16:08	1
Toluene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 16:08	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 16:08	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	03/03/21 17:00	03/04/21 16:08	1
4-Bromofluorobenzene	132		70 - 130	03/03/21 17:00	03/04/21 16:08	1

Client Sample ID: BH-58 (0.5')

Lab Sample ID: 890-240-32
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	276		5.01		mg/kg		03/07/21 16:10	03/07/21 18:08	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 16:30	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 16:30	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 16:30	1
Total TPH	<49.9	U	49.9		mg/kg		03/04/21 12:00	03/04/21 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68		70 - 135	03/04/21 12:00	03/04/21 16:30	1
o-Terphenyl	68		70 - 135	03/04/21 12:00	03/04/21 16:30	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 18:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 18:41	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/03/21 17:00	03/04/21 18:41	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 18:41	1
Toluene	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 18:41	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 18:41	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/03/21 17:00	03/04/21 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	89		70 - 130	03/03/21 17:00	03/04/21 18:41	1
4-Bromofluorobenzene	129		70 - 130	03/03/21 17:00	03/04/21 18:41	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-59 (0.5')

Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-33

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	258		4.99		mg/kg		03/07/21 16:10	03/07/21 18:15	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/04/21 12:00	03/04/21 16:51	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/04/21 12:00	03/04/21 16:51	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/04/21 12:00	03/04/21 16:51	1
Total TPH	<49.8	U	49.8		mg/kg		03/04/21 12:00	03/04/21 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 135*	*03/04/21 12:00*	*03/04/21 16:51*	*1*
o-Terphenyl	*76*		*70 - 135*	*03/04/21 12:00*	*03/04/21 16:51*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/03/21 17:00	03/04/21 19:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/03/21 17:00	03/04/21 19:07	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/03/21 17:00	03/04/21 19:07	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/03/21 17:00	03/04/21 19:07	1
Toluene	<0.00199	U	0.00199		mg/kg		03/03/21 17:00	03/04/21 19:07	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/03/21 17:00	03/04/21 19:07	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/03/21 17:00	03/04/21 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*93*		*70 - 130*	*03/03/21 17:00*	*03/04/21 19:07*	*1*
4-Bromofluorobenzene	*116*		*70 - 130*	*03/03/21 17:00*	*03/04/21 19:07*	*1*

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO (70-135)	OTPH (70-135)
890-240-1	BH-27 (1')	83	81
890-240-2	BH-28 (1')	83	88
890-240-3	BH-29 (1')	81	86
890-240-4	BH-30 (1')	82	86
890-240-5	BH-31 (1')	86	90
890-240-6	BH-32 (1')	79	84
890-240-7	BH-33 (1')	84	87
890-240-8	BH-34 (1')	78	82
890-240-9	BH-35 (1')	80	84
890-240-10	BH-36 (1')	83	87
890-240-11	BH-37 (1')	83	88
890-240-12	BH-38 (1')	79	82
890-240-13	BH-39 (1')	92	92
890-240-14	BH-40 (1')	79	82
890-240-15	BH-41 (1')	79	79
890-240-16	BH-42 (1')	76	79
890-240-17	BH-43 (1')	78	81
890-240-18	BH-44 (1')	78	81
890-240-19	BH-45 (1')	78	80
890-240-20	BH-46 (1')	81	84
890-240-21	BH-47 (1')	84	87
890-240-22	BH-48 (1')	74	78
890-240-23	BH-49 (0.5')	71	75
890-240-24	BH-50 (0.5')	67	70
890-240-25	BH-51 (0.5')	68	71
890-240-26	BH-52 (0.5')	73	72
890-240-27	BH-53 (0.5')	73	75
890-240-28	BH-54 (0.5')	69	71
890-240-29	BH-55 (0.5')	161	82
890-240-30	BH-56 (0.5')	67	68
890-240-31	BH-57 (0.5')	68	70
890-240-32	BH-58 (0.5')	68	68
890-240-33	BH-59 (0.5')	75	76

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Matrix: SOIL **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB (70-130)
690143-005 S	Matrix Spike	103
690143-005 SD	Matrix Spike Duplicate	103
690143-025 S	Matrix Spike	124
690143-025 SD	Matrix Spike Duplicate	125
7722461-1-BKS	Lab Control Sample	108
7722461-1-BLK	Method Blank	94

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-240-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

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

Matrix: SOIL **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		BFB									
Lab Sample ID	Client Sample ID	(70-130)									
7722461-1-BSD	Lab Control Sample Dup	98									
7722469-1-BKS	Lab Control Sample	120									
7722469-1-BLK	Method Blank	96									
7722469-1-BSD	Lab Control Sample Dup	131									
7722585-1-BKS	Lab Control Sample	112									
7722585-1-BLK	Method Blank	85									
7722585-1-BSD	Lab Control Sample Dup	121									

Surrogate Legend

BFB = 4-Bromofluorobenzene

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		BFB	DFBZ								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
890-240-1	BH-27 (1')	141	102								
890-240-2	BH-28 (1')	136	97								
890-240-3	BH-29 (1')	126	88								
890-240-4	BH-30 (1')	133	89								
890-240-5	BH-31 (1')	99	94								
890-240-6	BH-32 (1')	98	92								
890-240-7	BH-33 (1')	96	94								
890-240-8	BH-34 (1')	100	92								
890-240-9	BH-35 (1')	100	96								
890-240-10	BH-36 (1')	101	90								
890-240-11	BH-37 (1')	105	86								
890-240-12	BH-38 (1')	106	87								
890-240-13	BH-39 (1')	100	91								
890-240-14	BH-40 (1')	109	94								
890-240-15	BH-41 (1')	108	91								
890-240-16	BH-42 (1')	106	91								
890-240-17	BH-43 (1')	106	91								
890-240-18	BH-44 (1')	100	91								
890-240-19	BH-45 (1')	102	91								
890-240-20	BH-46 (1')	103	89								
890-240-21	BH-47 (1')	94	93								
890-240-22	BH-48 (1')	98	91								
890-240-23	BH-49 (0.5')	98	92								
890-240-24	BH-50 (0.5')	116	88								
890-240-25	BH-51 (0.5')	127	80								
890-240-26	BH-52 (0.5')	129	95								
890-240-27	BH-53 (0.5')	140	98								
890-240-28	BH-54 (0.5')	137	101								
890-240-29	BH-55 (0.5')	130	99								
890-240-30	BH-56 (0.5')	135	98								
890-240-31	BH-57 (0.5')	132	104								
890-240-32	BH-58 (0.5')	129	89								
890-240-33	BH-59 (0.5')	116	93								

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Surrogate Legend

BFB = 4-Bromofluorobenzene
DFBZ = 1,4-Difluorobenzene

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 7722547-1-BLK
Matrix: SOIL
Analysis Batch: 3152645

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152645_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/04/21 18:10	03/04/21 22:07	1

Lab Sample ID: 7722547-1-BKS
Matrix: SOIL
Analysis Batch: 3152645

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152645_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	238		mg/kg		95	80 - 120

Lab Sample ID: 7722547-1-BSD
Matrix: SOIL
Analysis Batch: 3152645

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152645_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	238		mg/kg		95	80 - 120	0	20

Lab Sample ID: 690143-005 S
Matrix: SOIL
Analysis Batch: 3152645

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152645_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	103		252	340		mg/kg		94	80 - 120

Lab Sample ID: 690143-005 SD
Matrix: SOIL
Analysis Batch: 3152645

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152645_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	103		252	338		mg/kg		93	80 - 120	1	20

Lab Sample ID: 7722550-1-BLK
Matrix: SOIL
Analysis Batch: 3152656

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152656_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/04/21 19:10	03/04/21 22:19	1

Lab Sample ID: 7722550-1-BKS
Matrix: SOIL
Analysis Batch: 3152656

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152656_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	252		mg/kg		101	80 - 120

Lab Sample ID: 7722550-1-BSD
Matrix: SOIL
Analysis Batch: 3152656

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152656_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	251		mg/kg		100	80 - 120	0	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 690143-015 S
Matrix: SOIL
Analysis Batch: 3152656

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152656_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	13.2		253	278		mg/kg		105	80 - 120

Lab Sample ID: 690143-015 SD
Matrix: SOIL
Analysis Batch: 3152656

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152656_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	13.2		253	277		mg/kg		104	80 - 120	0	20

Lab Sample ID: 690143-025 S
Matrix: SOIL
Analysis Batch: 3152656

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152656_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	6.91		250	260		mg/kg		101	80 - 120

Lab Sample ID: 690143-025 SD
Matrix: SOIL
Analysis Batch: 3152656

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152656_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6.91		250	260		mg/kg		101	80 - 120	0	20

Lab Sample ID: 7722678-1-BLK
Matrix: SOIL
Analysis Batch: 3152758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152758_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/05/21 11:40	03/05/21 10:44	1

Lab Sample ID: 7722678-1-BKS
Matrix: SOIL
Analysis Batch: 3152758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152758_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	253		mg/kg		101	80 - 120

Lab Sample ID: 7722678-1-BSD
Matrix: SOIL
Analysis Batch: 3152758

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152758_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	252		mg/kg		101	80 - 120	0	20

Lab Sample ID: 690143-001 S
Matrix: SOIL
Analysis Batch: 3152758

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152758_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	44.3		251	304		mg/kg		103	80 - 120

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 690143-001 SD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152758 — **Prep Batch: 3152758_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	44.3		251	304		mg/kg		103	80 - 120	0	20

Lab Sample ID: 7722690-1-BLK — **Client Sample ID: Method Blank**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152792 — **Prep Batch: 3152792_P**

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/07/21 16:10	03/07/21 17:27	1

Lab Sample ID: 7722690-1-BKS — **Client Sample ID: Lab Control Sample**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152792 — **Prep Batch: 3152792_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	255		mg/kg		102	80 - 120

Lab Sample ID: 7722690-1-BSD — **Client Sample ID: Lab Control Sample Dup**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152792 — **Prep Batch: 3152792_P**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	254		mg/kg		102	80 - 120	0	20

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Lab Sample ID: 7722595-1-BLK — **Client Sample ID: Method Blank**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152658 — **Prep Batch: 3152658_P**

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		03/04/21 12:00	03/04/21 10:32	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		03/04/21 12:00	03/04/21 10:32	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		03/04/21 12:00	03/04/21 10:32	1

Lab Sample ID: 7722595-1-BKS — **Client Sample ID: Lab Control Sample**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152658 — **Prep Batch: 3152658_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	1000	1280		mg/kg		128	70 - 135
Gasoline Range Hydrocarbons (GRO)	1000	1300		mg/kg		130	70 - 135

Lab Sample ID: 7722595-1-BSD — **Client Sample ID: Lab Control Sample Dup**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152658 — **Prep Batch: 3152658_P**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	1000	1300		mg/kg		130	70 - 135	2	20
Gasoline Range Hydrocarbons (GRO)	1000	1320		mg/kg		132	70 - 135	2	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Lab Sample ID: 690143-001 S
Matrix: SOIL
Analysis Batch: 3152658

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152658_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	<50		999	1160		mg/kg		116	70 - 135
Gasoline Range Hydrocarbons (GRO)	<50		999	1190		mg/kg		119	70 - 135

Lab Sample ID: 690143-001 SD
Matrix: SOIL
Analysis Batch: 3152658

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152658_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	<50		1000	1200		mg/kg		120	70 - 135	3	20
Gasoline Range Hydrocarbons (GRO)	<50		1000	1240		mg/kg		124	70 - 135	4	20

Lab Sample ID: 7722600-1-BLK
Matrix: SOIL
Analysis Batch: 3152662

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152662_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		03/04/21 12:00	03/04/21 10:32	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		03/04/21 12:00	03/04/21 10:32	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		03/04/21 12:00	03/04/21 10:32	1

Lab Sample ID: 7722600-1-BKS
Matrix: SOIL
Analysis Batch: 3152662

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152662_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	1000	1100		mg/kg		110	70 - 135
Gasoline Range Hydrocarbons (GRO)	1000	1120		mg/kg		112	70 - 135

Lab Sample ID: 7722600-1-BSD
Matrix: SOIL
Analysis Batch: 3152662

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152662_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	1000	1090		mg/kg		109	70 - 135	1	20
Gasoline Range Hydrocarbons (GRO)	1000	1100		mg/kg		110	70 - 135	2	20

Lab Sample ID: 690143-021 S
Matrix: SOIL
Analysis Batch: 3152662

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152662_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	<49.8		997	984		mg/kg		99	70 - 135
Gasoline Range Hydrocarbons (GRO)	<49.8		997	995		mg/kg		100	70 - 135

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Lab Sample ID: 690143-021 SD
Matrix: SOIL
Analysis Batch: 3152662

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152662_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	<49.8		996	983		mg/kg		99	70 - 135	0	20
Gasoline Range Hydrocarbons (GRO)	<49.8		996	990		mg/kg		99	70 - 135	1	20

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Lab Sample ID: 7722461-1-BLK
Matrix: SOIL
Analysis Batch: 3152436

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152436_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/03/21 16:00	03/03/21 21:52	1
Ethylbenzene	<.002	U	.002		mg/kg		03/03/21 16:00	03/03/21 21:52	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/03/21 16:00	03/03/21 21:52	1
o-Xylene	<.002	U	.002		mg/kg		03/03/21 16:00	03/03/21 21:52	1
Toluene	<.002	U	.002		mg/kg		03/03/21 16:00	03/03/21 21:52	1

Surrogate	*BLANK %Recovery*	*BLANK Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*	*03/03/21 16:00*	*03/03/21 21:52*	*1*

Lab Sample ID: 7722461-1-BKS
Matrix: SOIL
Analysis Batch: 3152436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152436_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	.1	0.105		mg/kg		105	70 - 130
Ethylbenzene	.1	0.108		mg/kg		108	71 - 129
m,p-Xylenes	.2	0.219		mg/kg		110	70 - 135
o-Xylene	.1	0.109		mg/kg		109	71 - 133
Toluene	.1	0.0997		mg/kg		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 130*

Lab Sample ID: 7722461-1-BSD
Matrix: SOIL
Analysis Batch: 3152436

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152436_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	.1	0.102		mg/kg		102	70 - 130	3	35
Ethylbenzene	.1	0.0995		mg/kg		100	71 - 129	8	35
m,p-Xylenes	.2	0.200		mg/kg		100	70 - 135	9	35
o-Xylene	.1	0.100		mg/kg		100	71 - 133	9	35
Toluene	.1	0.0952		mg/kg		95	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

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

Lab Sample ID: 690143-005 S
Matrix: SOIL
Analysis Batch: 3152436

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152436_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<.002		.101	0.0927		mg/kg		92	70 - 130
Ethylbenzene	<.002		.101	0.0902		mg/kg		89	71 - 129
m,p-Xylenes	<.004		.202	0.181		mg/kg		90	70 - 135
o-Xylene	<.002		.101	0.0896		mg/kg		89	71 - 133
Toluene	<.002		.101	0.0863		mg/kg		85	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*

Lab Sample ID: 690143-005 SD
Matrix: SOIL
Analysis Batch: 3152436

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152436_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<.002		.1	0.105		mg/kg		105	70 - 130	12	35
Ethylbenzene	<.002		.1	0.104		mg/kg		104	71 - 129	14	35
m,p-Xylenes	<.004		.2	0.211		mg/kg		106	70 - 135	15	35
o-Xylene	<.002		.1	0.105		mg/kg		105	71 - 133	16	35
Toluene	<.002		.1	0.0988		mg/kg		99	70 - 130	14	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*

Lab Sample ID: 7722469-1-BLK
Matrix: SOIL
Analysis Batch: 3152442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152442_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/03/21 12:30	03/03/21 23:13	1
Ethylbenzene	<.002	U	.002		mg/kg		03/03/21 12:30	03/03/21 23:13	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/03/21 12:30	03/03/21 23:13	1
o-Xylene	<.002	U	.002		mg/kg		03/03/21 12:30	03/03/21 23:13	1
Toluene	<.002	U	.002		mg/kg		03/03/21 12:30	03/03/21 23:13	1

Surrogate	*BLANK %Recovery*	*BLANK Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*	*03/03/21 12:30*	*03/03/21 23:13*	*1*

Lab Sample ID: 7722469-1-BKS
Matrix: SOIL
Analysis Batch: 3152442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152442_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	.1	0.109		mg/kg		109	70 - 130
Ethylbenzene	.1	0.102		mg/kg		102	71 - 129
m,p-Xylenes	.2	0.207		mg/kg		104	70 - 135
o-Xylene	.1	0.0949		mg/kg		95	71 - 133
Toluene	.1	0.110		mg/kg		110	70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

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

Lab Sample ID: 7722469-1-BKS
Matrix: SOIL
Analysis Batch: 3152442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152442_P

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	120		70 - 130

Lab Sample ID: 7722469-1-BSD
Matrix: SOIL
Analysis Batch: 3152442

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152442_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			.1	0.108		mg/kg		108	70 - 130	1	35
Ethylbenzene			.1	0.0969		mg/kg		97	71 - 129	5	35
m,p-Xylenes			.2	0.201		mg/kg		101	70 - 135	3	35
o-Xylene			.1	0.0929		mg/kg		93	71 - 133	2	35
Toluene			.1	0.105		mg/kg		105	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	131		70 - 130

Lab Sample ID: 7722585-1-BLK
Matrix: SOIL
Analysis Batch: 3152620

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152620_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/03/21 17:00	03/04/21 12:47	1
Ethylbenzene	<.002	U	.002		mg/kg		03/03/21 17:00	03/04/21 12:47	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/03/21 17:00	03/04/21 12:47	1
o-Xylene	<.002	U	.002		mg/kg		03/03/21 17:00	03/04/21 12:47	1
Toluene	<.002	U	.002		mg/kg		03/03/21 17:00	03/04/21 12:47	1

Surrogate	BLANK %Recovery	BLANK Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	85		70 - 130	03/03/21 17:00	03/04/21 12:47	1

Lab Sample ID: 7722585-1-BKS
Matrix: SOIL
Analysis Batch: 3152620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152620_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene			.1	0.117		mg/kg		117	70 - 130
Ethylbenzene			.1	0.104		mg/kg		104	71 - 129
m,p-Xylenes			.2	0.214		mg/kg		107	70 - 135
o-Xylene			.1	0.0987		mg/kg		99	71 - 133
Toluene			.1	0.0963		mg/kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	112		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

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

Lab Sample ID: 7722585-1-BSD
Matrix: SOIL
Analysis Batch: 3152620

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152620_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			.1	0.114		mg/kg		114	70 - 130	3	35
Ethylbenzene			.1	0.102		mg/kg		102	71 - 129	2	35
m,p-Xylenes			.2	0.212		mg/kg		106	70 - 135	1	35
o-Xylene			.1	0.0990		mg/kg		99	71 - 133	0	35
Toluene			.1	0.112		mg/kg		112	70 - 130	15	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*121*		*70 - 130*

Lab Sample ID: 690143-025 S
Matrix: SOIL
Analysis Batch: 3152620

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152620_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<.002		.0996	0.116		mg/kg		116	70 - 130
Ethylbenzene	<.002		.0996	0.0956		mg/kg		96	71 - 129
m,p-Xylenes	<.00399		.199	0.197		mg/kg		99	70 - 135
o-Xylene	<.002		.0996	0.0903		mg/kg		91	71 - 133
Toluene	<.002		.0996	0.104		mg/kg		104	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*124*		*70 - 130*

Lab Sample ID: 690143-025 SD
Matrix: SOIL
Analysis Batch: 3152620

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152620_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<.002		.0998	0.101		mg/kg		101	70 - 130	14	35
Ethylbenzene	<.002		.0998	0.0885		mg/kg		89	71 - 129	8	35
m,p-Xylenes	<.00399		.2	0.183		mg/kg		92	70 - 135	7	35
o-Xylene	<.002		.0998	0.0859		mg/kg		86	71 - 133	5	35
Toluene	<.002		.0998	0.0955		mg/kg		96	70 - 130	9	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*125*		*70 - 130*

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Subcontract

Analysis Batch: 3152436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-5	BH-31 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-6	BH-32 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-7	BH-33 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-8	BH-34 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-9	BH-35 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-10	BH-36 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-11	BH-37 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-12	BH-38 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-13	BH-39 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-14	BH-40 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-15	BH-41 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-16	BH-42 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-17	BH-43 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-18	BH-44 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-19	BH-45 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-20	BH-46 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-21	BH-47 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-22	BH-48 (1')	Total/NA	Solid	8021B - BTEX	3152436_P
890-240-23	BH-49 (0.5')	Total/NA	Solid	8021B - BTEX	3152436_P
7722461-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3152436_P
7722461-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3152436_P
7722461-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3152436_P
690143-005 S	Matrix Spike	Total/NA	SOIL	8021B - BTEX	3152436_P
690143-005 SD	Matrix Spike Duplicate	Total/NA	SOIL	8021B - BTEX	3152436_P

Analysis Batch: 3152442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-1	BH-27 (1')	Total/NA	Solid	8021B - BTEX	3152442_P
890-240-2	BH-28 (1')	Total/NA	Solid	8021B - BTEX	3152442_P
890-240-3	BH-29 (1')	Total/NA	Solid	8021B - BTEX	3152442_P
890-240-4	BH-30 (1')	Total/NA	Solid	8021B - BTEX	3152442_P
7722469-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3152442_P
7722469-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3152442_P
7722469-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3152442_P

Analysis Batch: 3152620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-24	BH-50 (0.5')	Total/NA	Solid	8021B - BTEX	3152620_P
890-240-25	BH-51 (0.5')	Total/NA	Solid	8021B - BTEX	3152620_P
890-240-26	BH-52 (0.5')	Total/NA	Solid	8021B - BTEX	3152620_P
890-240-27	BH-53 (0.5')	Total/NA	Solid	8021B - BTEX	3152620_P
890-240-28	BH-54 (0.5')	Total/NA	Solid	8021B - BTEX	3152620_P
890-240-29	BH-55 (0.5')	Total/NA	Solid	8021B - BTEX	3152620_P
890-240-30	BH-56 (0.5')	Total/NA	Solid	8021B - BTEX	3152620_P
890-240-31	BH-57 (0.5')	Total/NA	Solid	8021B - BTEX	3152620_P
890-240-32	BH-58 (0.5')	Total/NA	Solid	8021B - BTEX	3152620_P
890-240-33	BH-59 (0.5')	Total/NA	Solid	8021B - BTEX	3152620_P
7722585-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3152620_P
7722585-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3152620_P
7722585-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3152620_P
690143-025 S	Matrix Spike	Total/NA	SOIL	8021B - BTEX	3152620_P

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Subcontract (Continued)

Analysis Batch: 3152620 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
690143-025 SD	Matrix Spike Duplicate	Total/NA	SOIL	8021B - BTEX	3152620_P

Analysis Batch: 3152645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-2	BH-28 (1')	Total/NA	Solid	300.0 - Chloride	3152645_P
890-240-3	BH-29 (1')	Total/NA	Solid	300.0 - Chloride	3152645_P
890-240-4	BH-30 (1')	Total/NA	Solid	300.0 - Chloride	3152645_P
890-240-5	BH-31 (1')	Total/NA	Solid	300.0 - Chloride	3152645_P
890-240-6	BH-32 (1')	Total/NA	Solid	300.0 - Chloride	3152645_P
890-240-7	BH-33 (1')	Total/NA	Solid	300.0 - Chloride	3152645_P
890-240-8	BH-34 (1')	Total/NA	Solid	300.0 - Chloride	3152645_P
890-240-9	BH-35 (1')	Total/NA	Solid	300.0 - Chloride	3152645_P
890-240-10	BH-36 (1')	Total/NA	Solid	300.0 - Chloride	3152645_P
890-240-11	BH-37 (1')	Total/NA	Solid	300.0 - Chloride	3152645_P
890-240-12	BH-38 (1')	Total/NA	Solid	300.0 - Chloride	3152645_P
890-240-13	BH-39 (1')	Total/NA	Solid	300.0 - Chloride	3152645_P
7722547-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152645_P
7722547-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152645_P
7722547-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152645_P
690143-005 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3152645_P
690143-005 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3152645_P

Analysis Batch: 3152656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-15	BH-41 (1')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-16	BH-42 (1')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-17	BH-43 (1')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-18	BH-44 (1')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-19	BH-45 (1')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-20	BH-46 (1')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-21	BH-47 (1')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-22	BH-48 (1')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-23	BH-49 (0.5')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-24	BH-50 (0.5')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-25	BH-51 (0.5')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-26	BH-52 (0.5')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-27	BH-53 (0.5')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-28	BH-54 (0.5')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-29	BH-55 (0.5')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-30	BH-56 (0.5')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-240-31	BH-57 (0.5')	Total/NA	Solid	300.0 - Chloride	3152656_P
7722550-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152656_P
7722550-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152656_P
7722550-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152656_P
690143-015 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3152656_P
690143-015 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3152656_P
690143-025 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3152656_P
690143-025 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3152656_P

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Subcontract

Analysis Batch: 3152658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-1	BH-27 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-2	BH-28 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-3	BH-29 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-4	BH-30 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-5	BH-31 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-6	BH-32 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-7	BH-33 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-8	BH-34 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-9	BH-35 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-10	BH-36 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-11	BH-37 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-12	BH-38 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-13	BH-39 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-14	BH-40 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-15	BH-41 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-16	BH-42 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-17	BH-43 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-18	BH-44 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-19	BH-45 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
890-240-20	BH-46 (1')	Total/NA	Solid	8015 NM - TPH	3152658_P
7722595-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3152658_P
7722595-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3152658_P
7722595-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3152658_P
690143-001 S	Matrix Spike	Total/NA	SOIL	8015 NM - TPH	3152658_P
690143-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	8015 NM - TPH	3152658_P

Analysis Batch: 3152662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-21	BH-47 (1')	Total/NA	Solid	8015 NM - TPH	3152662_P
890-240-22	BH-48 (1')	Total/NA	Solid	8015 NM - TPH	3152662_P
890-240-23	BH-49 (0.5')	Total/NA	Solid	8015 NM - TPH	3152662_P
890-240-24	BH-50 (0.5')	Total/NA	Solid	8015 NM - TPH	3152662_P
890-240-25	BH-51 (0.5')	Total/NA	Solid	8015 NM - TPH	3152662_P
890-240-26	BH-52 (0.5')	Total/NA	Solid	8015 NM - TPH	3152662_P
890-240-27	BH-53 (0.5')	Total/NA	Solid	8015 NM - TPH	3152662_P
890-240-28	BH-54 (0.5')	Total/NA	Solid	8015 NM - TPH	3152662_P
890-240-29	BH-55 (0.5')	Total/NA	Solid	8015 NM - TPH	3152662_P
890-240-30	BH-56 (0.5')	Total/NA	Solid	8015 NM - TPH	3152662_P
890-240-31	BH-57 (0.5')	Total/NA	Solid	8015 NM - TPH	3152662_P
890-240-32	BH-58 (0.5')	Total/NA	Solid	8015 NM - TPH	3152662_P
890-240-33	BH-59 (0.5')	Total/NA	Solid	8015 NM - TPH	3152662_P
7722600-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3152662_P
7722600-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3152662_P
7722600-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3152662_P
690143-021 S	Matrix Spike	Total/NA	SOIL	8015 NM - TPH	3152662_P
690143-021 SD	Matrix Spike Duplicate	Total/NA	SOIL	8015 NM - TPH	3152662_P

Analysis Batch: 3152758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-1	BH-27 (1')	Total/NA	Solid	300.0 - Chloride	3152758_P
890-240-14	BH-40 (1')	Total/NA	Solid	300.0 - Chloride	3152758_P

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Subcontract (Continued)

Analysis Batch: 3152758 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
7722678-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152758_P
7722678-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152758_P
7722678-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152758_P
690143-001 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3152758_P
690143-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3152758_P

Analysis Batch: 3152792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-32	BH-58 (0.5')	Total/NA	Solid	300.0 - Chloride	3152792_P
890-240-33	BH-59 (0.5')	Total/NA	Solid	300.0 - Chloride	3152792_P
7722690-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152792_P
7722690-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152792_P
7722690-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152792_P

Prep Batch: 3152436_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-5	BH-31 (1')	Total/NA	Solid	SW5035A	
890-240-6	BH-32 (1')	Total/NA	Solid	SW5035A	
890-240-7	BH-33 (1')	Total/NA	Solid	SW5035A	
890-240-8	BH-34 (1')	Total/NA	Solid	SW5035A	
890-240-9	BH-35 (1')	Total/NA	Solid	SW5035A	
890-240-10	BH-36 (1')	Total/NA	Solid	SW5035A	
890-240-11	BH-37 (1')	Total/NA	Solid	SW5035A	
890-240-12	BH-38 (1')	Total/NA	Solid	SW5035A	
890-240-13	BH-39 (1')	Total/NA	Solid	SW5035A	
890-240-14	BH-40 (1')	Total/NA	Solid	SW5035A	
890-240-15	BH-41 (1')	Total/NA	Solid	SW5035A	
890-240-16	BH-42 (1')	Total/NA	Solid	SW5035A	
890-240-17	BH-43 (1')	Total/NA	Solid	SW5035A	
890-240-18	BH-44 (1')	Total/NA	Solid	SW5035A	
890-240-19	BH-45 (1')	Total/NA	Solid	SW5035A	
890-240-20	BH-46 (1')	Total/NA	Solid	SW5035A	
890-240-21	BH-47 (1')	Total/NA	Solid	SW5035A	
890-240-22	BH-48 (1')	Total/NA	Solid	SW5035A	
890-240-23	BH-49 (0.5')	Total/NA	Solid	SW5035A	
7722461-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7722461-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7722461-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	
690143-005 S	Matrix Spike	Total/NA	SOIL	SW5035A	
690143-005 SD	Matrix Spike Duplicate	Total/NA	SOIL	SW5035A	

Prep Batch: 3152442_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-1	BH-27 (1')	Total/NA	Solid	SW5035A	
890-240-2	BH-28 (1')	Total/NA	Solid	SW5035A	
890-240-3	BH-29 (1')	Total/NA	Solid	SW5035A	
890-240-4	BH-30 (1')	Total/NA	Solid	SW5035A	
7722469-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7722469-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7722469-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Subcontract

Prep Batch: 3152620_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-24	BH-50 (0.5')	Total/NA	Solid	SW5035A	
890-240-25	BH-51 (0.5')	Total/NA	Solid	SW5035A	
890-240-26	BH-52 (0.5')	Total/NA	Solid	SW5035A	
890-240-27	BH-53 (0.5')	Total/NA	Solid	SW5035A	
890-240-28	BH-54 (0.5')	Total/NA	Solid	SW5035A	
890-240-29	BH-55 (0.5')	Total/NA	Solid	SW5035A	
890-240-30	BH-56 (0.5')	Total/NA	Solid	SW5035A	
890-240-31	BH-57 (0.5')	Total/NA	Solid	SW5035A	
890-240-32	BH-58 (0.5')	Total/NA	Solid	SW5035A	
890-240-33	BH-59 (0.5')	Total/NA	Solid	SW5035A	
7722585-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7722585-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7722585-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	
690143-025 S	Matrix Spike	Total/NA	SOIL	SW5035A	
690143-025 SD	Matrix Spike Duplicate	Total/NA	SOIL	SW5035A	

Prep Batch: 3152645_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-2	BH-28 (1')	Total/NA	Solid	E300P	
890-240-3	BH-29 (1')	Total/NA	Solid	E300P	
890-240-4	BH-30 (1')	Total/NA	Solid	E300P	
890-240-5	BH-31 (1')	Total/NA	Solid	E300P	
890-240-6	BH-32 (1')	Total/NA	Solid	E300P	
890-240-7	BH-33 (1')	Total/NA	Solid	E300P	
890-240-8	BH-34 (1')	Total/NA	Solid	E300P	
890-240-9	BH-35 (1')	Total/NA	Solid	E300P	
890-240-10	BH-36 (1')	Total/NA	Solid	E300P	
890-240-11	BH-37 (1')	Total/NA	Solid	E300P	
890-240-12	BH-38 (1')	Total/NA	Solid	E300P	
890-240-13	BH-39 (1')	Total/NA	Solid	E300P	
7722547-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722547-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722547-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
690143-005 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690143-005 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152656_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-15	BH-41 (1')	Total/NA	Solid	E300P	
890-240-16	BH-42 (1')	Total/NA	Solid	E300P	
890-240-17	BH-43 (1')	Total/NA	Solid	E300P	
890-240-18	BH-44 (1')	Total/NA	Solid	E300P	
890-240-19	BH-45 (1')	Total/NA	Solid	E300P	
890-240-20	BH-46 (1')	Total/NA	Solid	E300P	
890-240-21	BH-47 (1')	Total/NA	Solid	E300P	
890-240-22	BH-48 (1')	Total/NA	Solid	E300P	
890-240-23	BH-49 (0.5')	Total/NA	Solid	E300P	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3152656_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-24	BH-50 (0.5')	Total/NA	Solid	E300P	
890-240-25	BH-51 (0.5')	Total/NA	Solid	E300P	
890-240-26	BH-52 (0.5')	Total/NA	Solid	E300P	
890-240-27	BH-53 (0.5')	Total/NA	Solid	E300P	
890-240-28	BH-54 (0.5')	Total/NA	Solid	E300P	
890-240-29	BH-55 (0.5')	Total/NA	Solid	E300P	
890-240-30	BH-56 (0.5')	Total/NA	Solid	E300P	
890-240-31	BH-57 (0.5')	Total/NA	Solid	E300P	
7722550-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722550-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722550-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
690143-015 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690143-015 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	
690143-025 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690143-025 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152658_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-1	BH-27 (1')	Total/NA	Solid	SW8015P	
890-240-2	BH-28 (1')	Total/NA	Solid	SW8015P	
890-240-3	BH-29 (1')	Total/NA	Solid	SW8015P	
890-240-4	BH-30 (1')	Total/NA	Solid	SW8015P	
890-240-5	BH-31 (1')	Total/NA	Solid	SW8015P	
890-240-6	BH-32 (1')	Total/NA	Solid	SW8015P	
890-240-7	BH-33 (1')	Total/NA	Solid	SW8015P	
890-240-8	BH-34 (1')	Total/NA	Solid	SW8015P	
890-240-9	BH-35 (1')	Total/NA	Solid	SW8015P	
890-240-10	BH-36 (1')	Total/NA	Solid	SW8015P	
890-240-11	BH-37 (1')	Total/NA	Solid	SW8015P	
890-240-12	BH-38 (1')	Total/NA	Solid	SW8015P	
890-240-13	BH-39 (1')	Total/NA	Solid	SW8015P	
890-240-14	BH-40 (1')	Total/NA	Solid	SW8015P	
890-240-15	BH-41 (1')	Total/NA	Solid	SW8015P	
890-240-16	BH-42 (1')	Total/NA	Solid	SW8015P	
890-240-17	BH-43 (1')	Total/NA	Solid	SW8015P	
890-240-18	BH-44 (1')	Total/NA	Solid	SW8015P	
890-240-19	BH-45 (1')	Total/NA	Solid	SW8015P	
890-240-20	BH-46 (1')	Total/NA	Solid	SW8015P	
7722595-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722595-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722595-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
690143-001 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3152658_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
690143-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152662_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-21	BH-47 (1')	Total/NA	Solid	SW8015P	
890-240-22	BH-48 (1')	Total/NA	Solid	SW8015P	
890-240-23	BH-49 (0.5')	Total/NA	Solid	SW8015P	
890-240-24	BH-50 (0.5')	Total/NA	Solid	SW8015P	
890-240-25	BH-51 (0.5')	Total/NA	Solid	SW8015P	
890-240-26	BH-52 (0.5')	Total/NA	Solid	SW8015P	
890-240-27	BH-53 (0.5')	Total/NA	Solid	SW8015P	
890-240-28	BH-54 (0.5')	Total/NA	Solid	SW8015P	
890-240-29	BH-55 (0.5')	Total/NA	Solid	SW8015P	
890-240-30	BH-56 (0.5')	Total/NA	Solid	SW8015P	
890-240-31	BH-57 (0.5')	Total/NA	Solid	SW8015P	
890-240-32	BH-58 (0.5')	Total/NA	Solid	SW8015P	
890-240-33	BH-59 (0.5')	Total/NA	Solid	SW8015P	
7722600-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722600-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722600-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
690143-021 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690143-021 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152758_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-1	BH-27 (1')	Total/NA	Solid	E300P	
890-240-14	BH-40 (1')	Total/NA	Solid	E300P	
7722678-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722678-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722678-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
690143-001 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690143-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152792_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-240-32	BH-58 (0.5')	Total/NA	Solid	E300P	
890-240-33	BH-59 (0.5')	Total/NA	Solid	E300P	
7722690-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722690-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722690-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-27 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0 - Chloride		1	3152758	03/05/21 10:59	CHE	XM
Total/NA	Prep	E300P		1	3152758_P	03/05/21 11:40		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 11:35	ARM	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Prep	SW5035A		1	3152442_P	03/03/21 12:30		XM
Total/NA	Analysis	8021B - BTEX		1	3152442	03/04/21 07:43	MNR	XM

Client Sample ID: BH-28 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152645_P	03/04/21 18:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152645	03/04/21 23:21	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 12:37	ARM	XM
Total/NA	Prep	SW5035A		1	3152442_P	03/03/21 12:30		XM
Total/NA	Analysis	8021B - BTEX		1	3152442	03/04/21 08:08	MNR	XM

Client Sample ID: BH-29 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152645_P	03/04/21 18:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152645	03/04/21 23:26	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 12:58	ARM	XM
Total/NA	Prep	SW5035A		1	3152442_P	03/03/21 12:30		XM
Total/NA	Analysis	8021B - BTEX		1	3152442	03/04/21 08:34	MNR	XM

Client Sample ID: BH-30 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152645_P	03/04/21 18:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152645	03/04/21 23:32	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 13:19	ARM	XM
Total/NA	Prep	SW5035A		1	3152442_P	03/03/21 12:30		XM
Total/NA	Analysis	8021B - BTEX		1	3152442	03/04/21 09:00	MNR	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-31 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152645_P	03/04/21 18:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152645	03/04/21 23:37	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 13:41	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/03/21 22:14	KTL	XM

Client Sample ID: BH-32 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152645_P	03/04/21 18:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152645	03/04/21 23:53	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 14:02	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/03/21 22:34	KTL	XM

Client Sample ID: BH-33 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152645_P	03/04/21 18:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152645	03/04/21 23:58	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 14:23	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/03/21 22:55	KTL	XM

Client Sample ID: BH-34 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152645_P	03/04/21 18:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152645	03/05/21 00:14	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 14:44	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/03/21 23:15	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-35 (1')

Lab Sample ID: 890-240-9
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152645_P	03/04/21 18:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152645	03/05/21 00:20	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 15:05	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/03/21 23:36	KTL	XM

Client Sample ID: BH-36 (1')

Lab Sample ID: 890-240-10
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152645_P	03/04/21 18:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152645	03/05/21 00:25	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 15:26	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/03/21 23:56	KTL	XM

Client Sample ID: BH-37 (1')

Lab Sample ID: 890-240-11
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152645_P	03/04/21 18:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152645	03/05/21 00:30	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 16:09	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/04/21 00:17	KTL	XM

Client Sample ID: BH-38 (1')

Lab Sample ID: 890-240-12
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152645_P	03/04/21 18:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152645	03/05/21 00:36	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 16:30	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/04/21 00:37	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-39 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152645_P	03/04/21 18:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152645	03/05/21 00:41	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 16:51	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/04/21 00:58	KTL	XM

Client Sample ID: BH-40 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0 - Chloride		1	3152758	03/05/21 11:14	CHE	XM
Total/NA	Prep	E300P		1	3152758_P	03/05/21 11:40		XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 17:12	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/04/21 02:39	KTL	XM

Client Sample ID: BH-41 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/04/21 22:36	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 17:33	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/04/21 03:00	KTL	XM

Client Sample ID: BH-42 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/04/21 22:54	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 17:54	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/04/21 03:20	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-43 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/04/21 23:00	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 18:16	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/04/21 03:41	KTL	XM

Client Sample ID: BH-44 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/04/21 23:05	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 18:37	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/04/21 04:01	KTL	XM

Client Sample ID: BH-45 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/04/21 23:11	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 18:58	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/04/21 04:21	KTL	XM

Client Sample ID: BH-46 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/04/21 23:29	CHE	XM
Total/NA	Prep	SW8015P		1	3152658_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152658	03/04/21 19:19	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/04/21 04:42	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-47 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/04/21 23:34	CHE	XM
Total/NA	Analysis	8015 NM - TPH		1	3152662	03/04/21 11:35	ARM	XM
Total/NA	Prep	SW8015P		1	3152662_P	03/04/21 12:00		XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/04/21 05:02	KTL	XM

Client Sample ID: BH-48 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/04/21 23:40	CHE	XM
Total/NA	Prep	SW8015P		1	3152662_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152662	03/04/21 12:37	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/04/21 05:23	KTL	XM

Client Sample ID: BH-49 (0.5')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/04/21 23:46	CHE	XM
Total/NA	Prep	SW8015P		1	3152662_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152662	03/04/21 12:58	ARM	XM
Total/NA	Prep	SW5035A		1	3152436_P	03/03/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152436	03/04/21 05:43	KTL	XM

Client Sample ID: BH-50 (0.5')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/04/21 23:52	CHE	XM
Total/NA	Prep	SW8015P		1	3152662_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152662	03/04/21 13:19	ARM	XM
Total/NA	Prep	SW5035A		1	3152620_P	03/03/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152620	03/04/21 13:37	MNR	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-51 (0.5')
Lab Sample ID: 890-240-25
Date Collected: 03/02/21 00:00
Matrix: Solid
Date Received: 03/03/21 08:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/04/21 23:58	CHE	XM
Total/NA	Prep	SW8015P		1	3152662_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152662	03/04/21 13:41	ARM	XM
Total/NA	Prep	SW5035A		1	3152620_P	03/03/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152620	03/04/21 13:12	MNR	XM

Client Sample ID: BH-52 (0.5')
Lab Sample ID: 890-240-26
Date Collected: 03/02/21 00:00
Matrix: Solid
Date Received: 03/03/21 08:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/05/21 00:15	CHE	XM
Total/NA	Prep	SW8015P		1	3152662_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152662	03/04/21 14:02	ARM	XM
Total/NA	Prep	SW5035A		1	3152620_P	03/03/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152620	03/04/21 14:03	MNR	XM

Client Sample ID: BH-53 (0.5')
Lab Sample ID: 890-240-27
Date Collected: 03/02/21 00:00
Matrix: Solid
Date Received: 03/03/21 08:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/05/21 00:21	CHE	XM
Total/NA	Prep	SW8015P		1	3152662_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152662	03/04/21 14:23	ARM	XM
Total/NA	Prep	SW5035A		1	3152620_P	03/03/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152620	03/04/21 14:28	MNR	XM

Client Sample ID: BH-54 (0.5')
Lab Sample ID: 890-240-28
Date Collected: 03/02/21 00:00
Matrix: Solid
Date Received: 03/03/21 08:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/05/21 00:38	CHE	XM
Total/NA	Prep	SW8015P		1	3152662_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152662	03/04/21 14:44	ARM	XM
Total/NA	Prep	SW5035A		1	3152620_P	03/03/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152620	03/04/21 14:53	MNR	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-55 (0.5')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/05/21 00:44	CHE	XM
Total/NA	Prep	SW8015P		1	3152662_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152662	03/04/21 15:05	ARM	XM
Total/NA	Prep	SW5035A		1	3152620_P	03/03/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152620	03/04/21 15:18	MNR	XM

Client Sample ID: BH-56 (0.5')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/05/21 00:50	CHE	XM
Total/NA	Prep	SW8015P		1	3152662_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152662	03/04/21 15:26	ARM	XM
Total/NA	Prep	SW5035A		1	3152620_P	03/03/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152620	03/04/21 15:43	MNR	XM

Client Sample ID: BH-57 (0.5')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/05/21 00:55	CHE	XM
Total/NA	Prep	SW8015P		1	3152662_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152662	03/04/21 16:09	ARM	XM
Total/NA	Prep	SW5035A		1	3152620_P	03/03/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152620	03/04/21 16:08	MNR	XM

Client Sample ID: BH-58 (0.5')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152792_P	03/07/21 16:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152792	03/07/21 18:08	SPC	XM
Total/NA	Prep	SW8015P		1	3152662_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152662	03/04/21 16:30	ARM	XM
Total/NA	Prep	SW5035A		1	3152620_P	03/03/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152620	03/04/21 18:41	MNR	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Client Sample ID: BH-59 (0.5')

Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-240-33

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152792_P	03/07/21 16:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152792	03/07/21 18:15	SPC	XM
Total/NA	Prep	SW8015P		1	3152662_P	03/04/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152662	03/04/21 16:51	ARM	XM
Total/NA	Prep	SW5035A		1	3152620_P	03/03/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3152620	03/04/21 19:07	MNR	XM

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc. Job ID: 890-240-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Method	Method Description	Protocol	Laboratory
300.0	EPA 300.0	EPA	XM
8015B	SW846 8015B TPH ORO	SW846	XM
8021	SW846 8021 Volatile Organic Compounds	SW846	XM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

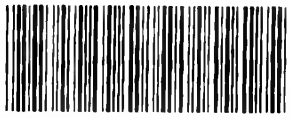
Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-240-1
SDG: 212C-MD-02339

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
890-240-1	BH-27 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-2	BH-28 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-3	BH-29 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-4	BH-30 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-5	BH-31 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-6	BH-32 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-7	BH-33 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-8	BH-34 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-9	BH-35 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-10	BH-36 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-11	BH-37 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-12	BH-38 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-13	BH-39 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-14	BH-40 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-15	BH-41 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-16	BH-42 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-17	BH-43 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-18	BH-44 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-19	BH-45 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-20	BH-46 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-21	BH-47 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-22	BH-48 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-23	BH-49 (0.5')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-24	BH-50 (0.5')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-25	BH-51 (0.5')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-26	BH-52 (0.5')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-27	BH-53 (0.5')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-28	BH-54 (0.5')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-29	BH-55 (0.5')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-30	BH-56 (0.5')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-31	BH-57 (0.5')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-32	BH-58 (0.5')	Solid	03/02/21 00:00	03/03/21 08:23	
890-240-33	BH-59 (0.5')	Solid	03/02/21 00:00	03/03/21 08:23	

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Analysis Request of Chain of Custody Record



Page 1 of 4

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Brittany Long
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, NM	**Project #:** 212C-MD-02339
Invoice to: Todd Wells	
Receiving Laboratory: Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2021)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R	Hold
	BH-27 (1')	3/2/21			X			X		1	N	X		X												X					
	BH-28 (1')				X			X		1	N																				
	BH-29 (1')																														
	BH-30 (1')																														
	BH-31 (1')																														
	BH-32 (1')																														
	BH-33 (1')																														
	BH-34 (1')																														
	BH-35 (1')																														
	BH-36 (1')	↓			↓			↓		↓	↓																				

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Ezequiel Moreno	3/3/21	0823	Clue Cuttle	3.3.21	0823
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
0.8/0.6

REMARKS:
- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

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

Client Name: EOG	Site Manager: Brittany Long
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, NM	Project #: 212C-MD-02339
Invoice to: Todd Wells	
Receiving Laboratory: Xenco	Sampler Signature: Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	TIME	MATRIX WATER	SOIL		PRESERVATIVE METHOD HCL	HNO_3	ICE	None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	BH-37 (1')	3/2/21			X				X			1	N	X		X												X								
	BH-38 (1')				X				X			1	N																							
	BH-39 (1')																																			
	BH-40 (1')																																			
	BH-41 (1')																																			
	BH-42 (1')																																			
	BH-43 (1')																																			
	BH-44 (1')																																			
	BH-45 (1')																																			
	BH-46 (1')	↓			↓				↓			↓	↓																							

Relinquished by: Ezequiel Moreno	Date: 3/3/21	Time: 0823	Received by: Cloe Cuttz
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 3.3.21 Time: 0823

LAB USE ONLY
Sample Temperature
See Page 1

REMARKS:
- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Brittany Long
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, NM	**Project #:** 212C-MD-02339
Invoice to: Todd Wells	
Receiving Laboratory: Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2021 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	BH-47 (1')	3/2/21			X			X		1	N	X		X											X									
	BH-48 (1')				X			X		1	N																							
	BH-49 (0.5')																																	
	BH-50 (0.5')																																	
	BH-51 (0.5')																																	
	BH-52 (0.5')																																	
	BH-53 (0.5')																																	
	BH-54 (0.5')																																	
	BH-55 (0.5')																																	
	BH-56 (0.5')																																	

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Ezequiel Moreno	3/3/21	0823	Cue Cotton	3.3.21	0823
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
See Page 1

REMARKS:
- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

3/8/2021

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Brittany Long
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, NM	**Project #:** 212C-MD-02339
Invoice to: Todd Wells	
Receiving Laboratory: Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	BH-57 (0.5')	3/2/21			X				X		1	N	X		X											X								
	BH-58 (0.5')	↓			X				X		1	N	↓		↓											↓								
	BH-59 (0.5')	↓			X				X		1	N																						

Relinquished by: Ezequiel Moreno	Date: 3/3/21	Time: 0823	Received by: Cloe Cuff
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 3.3.21 Time: 0823

LAB USE ONLY

Sample Temperature 0.5/0.6

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-240-1
SDG Number: 212C-MD-02339

Login Number: 240
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.	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	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-241-1
Laboratory Sample Delivery Group: 212C-MD-02339
Client Project/Site: Fox 30 State Com

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
3/5/2021 4:23:46 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS
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Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Laboratory Job ID: 890-241-1
SDG: 212C-MD-02339

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Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Qualifiers

Subcontract

Qualifier	Qualifier Description
U	Analyte was not detected.
X	MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference

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: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Job ID: 890-241-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-241-1

Receipt
The samples were received on 3/3/2021 8:23 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.6°C

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Client Sample ID: SW-1 (5')

Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-1

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.2		5.00		mg/kg		03/04/21 19:10	03/05/21 01:01	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/03/21 17:00	03/04/21 04:12	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/03/21 17:00	03/04/21 04:12	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/03/21 17:00	03/04/21 04:12	1
Total TPH	<50.0	U	50.0		mg/kg		03/03/21 17:00	03/04/21 04:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 135*	*03/03/21 17:00*	*03/04/21 04:12*	*1*
o-Terphenyl	*118*		*70 - 135*	*03/03/21 17:00*	*03/04/21 04:12*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U X	0.00199		mg/kg		03/04/21 12:45	03/04/21 19:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 19:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/04/21 12:45	03/04/21 19:49	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 19:49	1
Toluene	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 19:49	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 19:49	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*116*		*70 - 130*	*03/04/21 12:45*	*03/04/21 19:49*	*1*
4-Bromofluorobenzene	*74*		*70 - 130*	*03/04/21 12:45*	*03/04/21 19:49*	*1*

Client Sample ID: SW-2 (5')

Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-2

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.7		5.05		mg/kg		03/04/21 19:10	03/05/21 01:07	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 04:33	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 04:33	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 04:33	1
Total TPH	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 135*	*03/03/21 17:00*	*03/04/21 04:33*	*1*
o-Terphenyl	*119*		*70 - 135*	*03/03/21 17:00*	*03/04/21 04:33*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/04/21 12:45	03/04/21 20:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/04/21 12:45	03/04/21 20:09	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/04/21 12:45	03/04/21 20:09	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/04/21 12:45	03/04/21 20:09	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-241-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Client Sample ID: SW-2 (5') Lab Sample ID: 890-241-2
Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/kg		03/04/21 12:45	03/04/21 20:09	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/04/21 12:45	03/04/21 20:09	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/04/21 12:45	03/04/21 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*116*		*70 - 130*	*03/04/21 12:45*	*03/04/21 20:09*	*1*
4-Bromofluorobenzene	*89*		*70 - 130*	*03/04/21 12:45*	*03/04/21 20:09*	*1*

Client Sample ID: SW-3 (5') Lab Sample ID: 890-241-3
Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.5**		4.97		mg/kg		03/04/21 19:10	03/05/21 01:13	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 04:55	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 04:55	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 04:55	1
Total TPH	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 135*	*03/03/21 17:00*	*03/04/21 04:55*	*1*
o-Terphenyl	*123*		*70 - 135*	*03/03/21 17:00*	*03/04/21 04:55*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 20:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 20:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/04/21 12:45	03/04/21 20:30	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 20:30	1
Toluene	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 20:30	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 20:30	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*112*		*70 - 130*	*03/04/21 12:45*	*03/04/21 20:30*	*1*
4-Bromofluorobenzene	*91*		*70 - 130*	*03/04/21 12:45*	*03/04/21 20:30*	*1*

Client Sample ID: SW-4 (5') Lab Sample ID: 890-241-4
Date Collected: 03/02/21 00:00 **Matrix: Solid**
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.5**		5.01		mg/kg		03/04/21 18:30	03/05/21 01:18	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/03/21 17:00	03/04/21 05:15	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Client Sample ID: SW-4 (5')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-4
Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/03/21 17:00	03/04/21 05:15	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/03/21 17:00	03/04/21 05:15	1
Total TPH	<50.0	U	50.0		mg/kg		03/03/21 17:00	03/04/21 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 135*	*03/03/21 17:00*	*03/04/21 05:15*	*1*
o-Terphenyl	*128*		*70 - 135*	*03/03/21 17:00*	*03/04/21 05:15*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 20:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 20:51	1
m,p-Xylenes	<0.00403	U	0.00403		mg/kg		03/04/21 12:45	03/04/21 20:51	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 20:51	1
Toluene	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 20:51	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 20:51	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*106*		*70 - 130*	*03/04/21 12:45*	*03/04/21 20:51*	*1*
4-Bromofluorobenzene	*89*		*70 - 130*	*03/04/21 12:45*	*03/04/21 20:51*	*1*

Client Sample ID: SW-5 (2')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-5
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.3		4.98		mg/kg		03/04/21 18:30	03/05/21 01:34	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 05:37	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 05:37	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 05:37	1
Total TPH	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 05:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 135*	*03/03/21 17:00*	*03/04/21 05:37*	*1*
o-Terphenyl	*123*		*70 - 135*	*03/03/21 17:00*	*03/04/21 05:37*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 21:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 21:11	1
m,p-Xylenes	<0.00403	U	0.00403		mg/kg		03/04/21 12:45	03/04/21 21:11	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 21:11	1
Toluene	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 21:11	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 21:11	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 21:11	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Client Sample ID: SW-5 (2')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-5
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	*111*		*70 - 130*	*03/04/21 12:45*	*03/04/21 21:11*	*1*
4-Bromofluorobenzene	*87*		*70 - 130*	*03/04/21 12:45*	*03/04/21 21:11*	*1*

Client Sample ID: SW-6 (2')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-6
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.8**		4.95		mg/kg		03/04/21 18:30	03/05/21 01:40	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/03/21 17:00	03/04/21 05:58	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/03/21 17:00	03/04/21 05:58	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/03/21 17:00	03/04/21 05:58	1
Total TPH	<50.0	U	50.0		mg/kg		03/03/21 17:00	03/04/21 05:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*122*		*70 - 135*	*03/03/21 17:00*	*03/04/21 05:58*	*1*
o-Terphenyl	*124*		*70 - 135*	*03/03/21 17:00*	*03/04/21 05:58*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 21:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 21:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/04/21 12:45	03/04/21 21:32	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 21:32	1
Toluene	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 21:32	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 21:32	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	*111*		*70 - 130*	*03/04/21 12:45*	*03/04/21 21:32*	*1*
4-Bromofluorobenzene	*86*		*70 - 130*	*03/04/21 12:45*	*03/04/21 21:32*	*1*

Client Sample ID: SW-7 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-7
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.2**		5.03		mg/kg		03/04/21 18:30	03/05/21 01:45	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 06:19	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 06:19	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 06:19	1
Total TPH	<49.9	U	49.9		mg/kg		03/03/21 17:00	03/04/21 06:19	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Client Sample ID: SW-7 (1')

Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-7
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 135	03/03/21 17:00	03/04/21 06:19	1
o-Terphenyl	126		70 - 135	03/03/21 17:00	03/04/21 06:19	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/04/21 12:45	03/04/21 21:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/04/21 12:45	03/04/21 21:53	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/04/21 12:45	03/04/21 21:53	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/04/21 12:45	03/04/21 21:53	1
Toluene	<0.00200	U	0.00200		mg/kg		03/04/21 12:45	03/04/21 21:53	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/04/21 12:45	03/04/21 21:53	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/04/21 12:45	03/04/21 21:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	115		70 - 130	03/04/21 12:45	03/04/21 21:53	1
4-Bromofluorobenzene	87		70 - 130	03/04/21 12:45	03/04/21 21:53	1

Client Sample ID: SW-8 (1')

Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-8
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.2		4.98		mg/kg		03/04/21 18:30	03/05/21 01:50	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/03/21 12:00	03/03/21 19:49	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/03/21 12:00	03/03/21 19:49	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/03/21 12:00	03/03/21 19:49	1
Total TPH	<49.8	U	49.8		mg/kg		03/03/21 12:00	03/03/21 19:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 135	03/03/21 12:00	03/03/21 19:49	1
o-Terphenyl	124		70 - 135	03/03/21 12:00	03/03/21 19:49	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/04/21 12:45	03/04/21 22:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/04/21 12:45	03/04/21 22:13	1
m,p-Xylenes	<0.00397	U	0.00397		mg/kg		03/04/21 12:45	03/04/21 22:13	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/04/21 12:45	03/04/21 22:13	1
Toluene	<0.00198	U	0.00198		mg/kg		03/04/21 12:45	03/04/21 22:13	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/04/21 12:45	03/04/21 22:13	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/04/21 12:45	03/04/21 22:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	112		70 - 130	03/04/21 12:45	03/04/21 22:13	1
4-Bromofluorobenzene	84		70 - 130	03/04/21 12:45	03/04/21 22:13	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Client Sample ID: SW-9 (1')

Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-9

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.1		4.99		mg/kg		03/04/21 18:30	03/05/21 02:06	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 20:10	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 20:10	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 20:10	1
Total TPH	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 135*	*03/03/21 12:00*	*03/03/21 20:10*	*1*
o-Terphenyl	*115*		*70 - 135*	*03/03/21 12:00*	*03/03/21 20:10*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 22:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 22:34	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/04/21 12:45	03/04/21 22:34	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 22:34	1
Toluene	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 22:34	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 22:34	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/04/21 12:45	03/04/21 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*114*		*70 - 130*	*03/04/21 12:45*	*03/04/21 22:34*	*1*
4-Bromofluorobenzene	*88*		*70 - 130*	*03/04/21 12:45*	*03/04/21 22:34*	*1*

Client Sample ID: SW-10 (1')

Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-10

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.0		4.99		mg/kg		03/04/21 18:30	03/05/21 02:11	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 20:31	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 20:31	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 20:31	1
Total TPH	<49.9	U	49.9		mg/kg		03/03/21 12:00	03/03/21 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 135*	*03/03/21 12:00*	*03/03/21 20:31*	*1*
o-Terphenyl	*125*		*70 - 135*	*03/03/21 12:00*	*03/03/21 20:31*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 22:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 22:55	1
m,p-Xylenes	<0.00403	U	0.00403		mg/kg		03/04/21 12:45	03/04/21 22:55	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 22:55	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Client Sample ID: SW-10 (1')

Lab Sample ID: 890-241-10
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 22:55	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 22:55	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/04/21 12:45	03/04/21 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*111*		*70 - 130*	*03/04/21 12:45*	*03/04/21 22:55*	*1*
4-Bromofluorobenzene	*86*		*70 - 130*	*03/04/21 12:45*	*03/04/21 22:55*	*1*

Client Sample ID: SW-11 (1')

Lab Sample ID: 890-241-11
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.8**		4.99		mg/kg		03/04/21 18:30	03/05/21 02:17	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 20:52	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 20:52	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 20:52	1
Total TPH	<50.0	U	50.0		mg/kg		03/03/21 12:00	03/03/21 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 135*	*03/03/21 12:00*	*03/03/21 20:52*	*1*
o-Terphenyl	*125*		*70 - 135*	*03/03/21 12:00*	*03/03/21 20:52*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/04/21 12:45	03/05/21 00:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/04/21 12:45	03/05/21 00:18	1
m,p-Xylenes	<0.00396	U	0.00396		mg/kg		03/04/21 12:45	03/05/21 00:18	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/04/21 12:45	03/05/21 00:18	1
Toluene	<0.00198	U	0.00198		mg/kg		03/04/21 12:45	03/05/21 00:18	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/04/21 12:45	03/05/21 00:18	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/04/21 12:45	03/05/21 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*112*		*70 - 130*	*03/04/21 12:45*	*03/05/21 00:18*	*1*
4-Bromofluorobenzene	*75*		*70 - 130*	*03/04/21 12:45*	*03/05/21 00:18*	*1*

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO	OTPH
Lab Sample ID	Client Sample ID	(70-135)	(70-135)
890-241-1	SW-1 (5')	110	118
890-241-2	SW-2 (5')	117	119
890-241-3	SW-3 (5')	113	123
890-241-4	SW-4 (5')	123	128
890-241-5	SW-5 (2')	119	123
890-241-6	SW-6 (2')	122	124
890-241-7	SW-7 (1')	116	126
890-241-8	SW-8 (1')	117	124
890-241-9	SW-9 (1')	113	115
890-241-10	SW-10 (1')	121	125
890-241-11	SW-11 (1')	114	125

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Matrix: SOIL **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB
Lab Sample ID	Client Sample ID	(70-130)
690147-001 S	Matrix Spike	72
690147-001 SD	Matrix Spike Duplicate	81
7722573-1-BKS	Lab Control Sample	71
7722573-1-BLK	Method Blank	84
7722573-1-BSD	Lab Control Sample Dup	71

Surrogate Legend

BFB = 4-Bromofluorobenzene

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB	DFBZ
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-241-1	SW-1 (5')	74	116
890-241-2	SW-2 (5')	89	116
890-241-3	SW-3 (5')	91	112
890-241-4	SW-4 (5')	89	106
890-241-5	SW-5 (2')	87	111
890-241-6	SW-6 (2')	86	111
890-241-7	SW-7 (1')	87	115
890-241-8	SW-8 (1')	84	112
890-241-9	SW-9 (1')	88	114
890-241-10	SW-10 (1')	86	111
890-241-11	SW-11 (1')	75	112

Surrogate Legend

BFB = 4-Bromofluorobenzene
DFBZ = 1,4-Difluorobenzene

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 7722548-1-BLK
Matrix: SOIL
Analysis Batch: 3152649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152649_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/04/21 18:30	03/05/21 01:02	1

Lab Sample ID: 7722548-1-BKS
Matrix: SOIL
Analysis Batch: 3152649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152649_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	240		mg/kg		96	80 - 120

Lab Sample ID: 7722548-1-BSD
Matrix: SOIL
Analysis Batch: 3152649

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152649_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	240		mg/kg		96	80 - 120	0	20

Lab Sample ID: 690147-004 S
Matrix: SOIL
Analysis Batch: 3152649

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152649_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	31.5		251	275		mg/kg		97	80 - 120

Lab Sample ID: 690147-004 SD
Matrix: SOIL
Analysis Batch: 3152649

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152649_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	31.5		251	275		mg/kg		97	80 - 120	0	20

Lab Sample ID: 7722550-1-BLK
Matrix: SOIL
Analysis Batch: 3152656

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152656_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/04/21 19:10	03/04/21 22:19	1

Lab Sample ID: 7722550-1-BKS
Matrix: SOIL
Analysis Batch: 3152656

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152656_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	252		mg/kg		101	80 - 120

Lab Sample ID: 7722550-1-BSD
Matrix: SOIL
Analysis Batch: 3152656

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152656_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	251		mg/kg		100	80 - 120	0	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Lab Sample ID: 7722497-1-BLK
Matrix: SOIL
Analysis Batch: 3152505

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152505_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		03/03/21 17:00	03/03/21 21:35	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		03/03/21 17:00	03/03/21 21:35	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		03/03/21 17:00	03/03/21 21:35	1

Lab Sample ID: 7722497-1-BKS
Matrix: SOIL
Analysis Batch: 3152505

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152505_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	1000	936		mg/kg		94	70 - 135
Gasoline Range Hydrocarbons (GRO)	1000	1020		mg/kg		102	70 - 135

Lab Sample ID: 7722497-1-BSD
Matrix: SOIL
Analysis Batch: 3152505

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152505_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	1000	964		mg/kg		96	70 - 135	3	20
Gasoline Range Hydrocarbons (GRO)	1000	1030		mg/kg		103	70 - 135	1	20

Lab Sample ID: 7722498-1-BLK
Matrix: SOIL
Analysis Batch: 3152506

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152506_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		03/03/21 12:00	03/03/21 12:00	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		03/03/21 12:00	03/03/21 12:00	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		03/03/21 12:00	03/03/21 12:00	1

Lab Sample ID: 7722498-1-BKS
Matrix: SOIL
Analysis Batch: 3152506

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152506_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	1000	989		mg/kg		99	70 - 135
Gasoline Range Hydrocarbons (GRO)	1000	976		mg/kg		98	70 - 135

Lab Sample ID: 7722498-1-BSD
Matrix: SOIL
Analysis Batch: 3152506

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152506_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	1000	952		mg/kg		95	70 - 135	4	20
Gasoline Range Hydrocarbons (GRO)	1000	971		mg/kg		97	70 - 135	1	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Lab Sample ID: 7722573-1-BLK
Matrix: SOIL
Analysis Batch: 3152593

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152593_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/04/21 12:45	03/04/21 19:27	1
Ethylbenzene	<.002	U	.002		mg/kg		03/04/21 12:45	03/04/21 19:27	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/04/21 12:45	03/04/21 19:27	1
o-Xylene	<.002	U	.002		mg/kg		03/04/21 12:45	03/04/21 19:27	1
Toluene	<.002	U	.002		mg/kg		03/04/21 12:45	03/04/21 19:27	1

Surrogate	*BLANK %Recovery*	*BLANK Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*84*		*70 - 130*	*03/04/21 12:45*	*03/04/21 19:27*	*1*

Lab Sample ID: 7722573-1-BKS
Matrix: SOIL
Analysis Batch: 3152593

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152593_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			.1	0.118		mg/kg		118	70 - 130		
Ethylbenzene			.1	0.0806		mg/kg		81	71 - 129		
m,p-Xylenes			.2	0.162		mg/kg		81	70 - 135		
o-Xylene			.1	0.0812		mg/kg		81	71 - 133		
Toluene			.1	0.0881		mg/kg		88	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*71*		*70 - 130*

Lab Sample ID: 7722573-1-BSD
Matrix: SOIL
Analysis Batch: 3152593

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152593_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			.1	0.118		mg/kg		118	70 - 130	0	35
Ethylbenzene			.1	0.0904		mg/kg		90	71 - 129	11	35
m,p-Xylenes			.2	0.163		mg/kg		82	70 - 135	1	35
o-Xylene			.1	0.0744		mg/kg		74	71 - 133	9	35
Toluene			.1	0.0889		mg/kg		89	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*71*		*70 - 130*

Lab Sample ID: 690147-001 S
Matrix: SOIL
Analysis Batch: 3152593

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152593_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<.00198		.1	0.112		mg/kg		112	70 - 130		
Ethylbenzene	<.00198		.1	0.0779		mg/kg		78	71 - 129		
m,p-Xylenes	<.00396		.2	0.151		mg/kg		76	70 - 135		
o-Xylene	<.00198		.1	0.0723		mg/kg		72	71 - 133		
Toluene	<.00198		.1	0.0949		mg/kg		95	70 - 130		

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

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

Lab Sample ID: 690147-001 S
Matrix: SOIL
Analysis Batch: 3152593

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152593_P

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	72		70 - 130

Lab Sample ID: 690147-001 SD
Matrix: SOIL
Analysis Batch: 3152593

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152593_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<.00198		.099	0.160		mg/kg		162	70 - 130	35	35
Ethylbenzene	<.00198		.099	0.0994		mg/kg		100	71 - 129	24	35
m,p-Xylenes	<.00396		.198	0.201		mg/kg		102	70 - 135	28	35
o-Xylene	<.00198		.099	0.0976		mg/kg		99	71 - 133	30	35
Toluene	<.00198		.099	0.127		mg/kg		128	70 - 130	29	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	81		70 - 130

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Subcontract

Analysis Batch: 3152505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-241-1	SW-1 (5')	Total/NA	Solid	8015 NM - TPH	3152505_P
890-241-2	SW-2 (5')	Total/NA	Solid	8015 NM - TPH	3152505_P
890-241-3	SW-3 (5')	Total/NA	Solid	8015 NM - TPH	3152505_P
890-241-4	SW-4 (5')	Total/NA	Solid	8015 NM - TPH	3152505_P
890-241-5	SW-5 (2')	Total/NA	Solid	8015 NM - TPH	3152505_P
890-241-6	SW-6 (2')	Total/NA	Solid	8015 NM - TPH	3152505_P
890-241-7	SW-7 (1')	Total/NA	Solid	8015 NM - TPH	3152505_P
7722497-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3152505_P
7722497-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3152505_P
7722497-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3152505_P

Analysis Batch: 3152506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-241-8	SW-8 (1')	Total/NA	Solid	8015 NM - TPH	3152506_P
890-241-9	SW-9 (1')	Total/NA	Solid	8015 NM - TPH	3152506_P
890-241-10	SW-10 (1')	Total/NA	Solid	8015 NM - TPH	3152506_P
890-241-11	SW-11 (1')	Total/NA	Solid	8015 NM - TPH	3152506_P
7722498-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3152506_P
7722498-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3152506_P
7722498-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3152506_P

Analysis Batch: 3152593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-241-1	SW-1 (5')	Total/NA	Solid	8021B - BTEX	3152593_P
890-241-2	SW-2 (5')	Total/NA	Solid	8021B - BTEX	3152593_P
890-241-3	SW-3 (5')	Total/NA	Solid	8021B - BTEX	3152593_P
890-241-4	SW-4 (5')	Total/NA	Solid	8021B - BTEX	3152593_P
890-241-5	SW-5 (2')	Total/NA	Solid	8021B - BTEX	3152593_P
890-241-6	SW-6 (2')	Total/NA	Solid	8021B - BTEX	3152593_P
890-241-7	SW-7 (1')	Total/NA	Solid	8021B - BTEX	3152593_P
890-241-8	SW-8 (1')	Total/NA	Solid	8021B - BTEX	3152593_P
890-241-9	SW-9 (1')	Total/NA	Solid	8021B - BTEX	3152593_P
890-241-10	SW-10 (1')	Total/NA	Solid	8021B - BTEX	3152593_P
890-241-11	SW-11 (1')	Total/NA	Solid	8021B - BTEX	3152593_P
7722573-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3152593_P
7722573-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3152593_P
7722573-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3152593_P
690147-001 S	Matrix Spike	Total/NA	SOIL	8021B - BTEX	3152593_P
690147-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	8021B - BTEX	3152593_P

Analysis Batch: 3152649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-241-4	SW-4 (5')	Total/NA	Solid	300.0 - Chloride	3152649_P
890-241-5	SW-5 (2')	Total/NA	Solid	300.0 - Chloride	3152649_P
890-241-6	SW-6 (2')	Total/NA	Solid	300.0 - Chloride	3152649_P
890-241-7	SW-7 (1')	Total/NA	Solid	300.0 - Chloride	3152649_P
890-241-8	SW-8 (1')	Total/NA	Solid	300.0 - Chloride	3152649_P
890-241-9	SW-9 (1')	Total/NA	Solid	300.0 - Chloride	3152649_P
890-241-10	SW-10 (1')	Total/NA	Solid	300.0 - Chloride	3152649_P
890-241-11	SW-11 (1')	Total/NA	Solid	300.0 - Chloride	3152649_P
7722548-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152649_P

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Subcontract (Continued)

Analysis Batch: 3152649 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
7722548-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152649_P
7722548-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152649_P
690147-004 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3152649_P
690147-004 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3152649_P

Analysis Batch: 3152656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-241-1	SW-1 (5')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-241-2	SW-2 (5')	Total/NA	Solid	300.0 - Chloride	3152656_P
890-241-3	SW-3 (5')	Total/NA	Solid	300.0 - Chloride	3152656_P
7722550-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152656_P
7722550-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152656_P
7722550-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152656_P

Prep Batch: 3152505_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-241-1	SW-1 (5')	Total/NA	Solid	SW8015P	
890-241-2	SW-2 (5')	Total/NA	Solid	SW8015P	
890-241-3	SW-3 (5')	Total/NA	Solid	SW8015P	
890-241-4	SW-4 (5')	Total/NA	Solid	SW8015P	
890-241-5	SW-5 (2')	Total/NA	Solid	SW8015P	
890-241-6	SW-6 (2')	Total/NA	Solid	SW8015P	
890-241-7	SW-7 (1')	Total/NA	Solid	SW8015P	
7722497-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722497-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722497-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152506_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-241-8	SW-8 (1')	Total/NA	Solid	SW8015P	
890-241-9	SW-9 (1')	Total/NA	Solid	SW8015P	
890-241-10	SW-10 (1')	Total/NA	Solid	SW8015P	
890-241-11	SW-11 (1')	Total/NA	Solid	SW8015P	
7722498-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722498-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722498-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152593_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-241-1	SW-1 (5')	Total/NA	Solid	SW5035A	
890-241-2	SW-2 (5')	Total/NA	Solid	SW5035A	
890-241-3	SW-3 (5')	Total/NA	Solid	SW5035A	
890-241-4	SW-4 (5')	Total/NA	Solid	SW5035A	
890-241-5	SW-5 (2')	Total/NA	Solid	SW5035A	
890-241-6	SW-6 (2')	Total/NA	Solid	SW5035A	
890-241-7	SW-7 (1')	Total/NA	Solid	SW5035A	
890-241-8	SW-8 (1')	Total/NA	Solid	SW5035A	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3152593_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-241-9	SW-9 (1')	Total/NA	Solid	SW5035A	
890-241-10	SW-10 (1')	Total/NA	Solid	SW5035A	
890-241-11	SW-11 (1')	Total/NA	Solid	SW5035A	
7722573-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7722573-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7722573-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	
690147-001 S	Matrix Spike	Total/NA	SOIL	SW5035A	
690147-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	SW5035A	

Prep Batch: 3152649_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-241-4	SW-4 (5')	Total/NA	Solid	E300P	
890-241-5	SW-5 (2')	Total/NA	Solid	E300P	
890-241-6	SW-6 (2')	Total/NA	Solid	E300P	
890-241-7	SW-7 (1')	Total/NA	Solid	E300P	
890-241-8	SW-8 (1')	Total/NA	Solid	E300P	
890-241-9	SW-9 (1')	Total/NA	Solid	E300P	
890-241-10	SW-10 (1')	Total/NA	Solid	E300P	
890-241-11	SW-11 (1')	Total/NA	Solid	E300P	
7722548-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722548-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722548-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
690147-004 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690147-004 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152656_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-241-1	SW-1 (5')	Total/NA	Solid	E300P	
890-241-2	SW-2 (5')	Total/NA	Solid	E300P	
890-241-3	SW-3 (5')	Total/NA	Solid	E300P	
7722550-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722550-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722550-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Client Sample ID: SW-1 (5')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/05/21 01:01	CHE	XM
Total/NA	Prep	SW8015P		1	3152505_P	03/03/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152505	03/04/21 04:12	ARM	XM
Total/NA	Prep	SW5035A		1	3152593_P	03/04/21 12:45		XM
Total/NA	Analysis	8021B - BTEX		1	3152593	03/04/21 19:49	KTL	XM

Client Sample ID: SW-2 (5')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/05/21 01:07	CHE	XM
Total/NA	Prep	SW8015P		1	3152505_P	03/03/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152505	03/04/21 04:33	ARM	XM
Total/NA	Prep	SW5035A		1	3152593_P	03/04/21 12:45		XM
Total/NA	Analysis	8021B - BTEX		1	3152593	03/04/21 20:09	KTL	XM

Client Sample ID: SW-3 (5')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152656_P	03/04/21 19:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3152656	03/05/21 01:13	CHE	XM
Total/NA	Prep	SW8015P		1	3152505_P	03/03/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152505	03/04/21 04:55	ARM	XM
Total/NA	Prep	SW5035A		1	3152593_P	03/04/21 12:45		XM
Total/NA	Analysis	8021B - BTEX		1	3152593	03/04/21 20:30	KTL	XM

Client Sample ID: SW-4 (5')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152649_P	03/04/21 18:30		XM
Total/NA	Analysis	300.0 - Chloride		1	3152649	03/05/21 01:18	CHE	XM
Total/NA	Prep	SW8015P		1	3152505_P	03/03/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152505	03/04/21 05:15	ARM	XM
Total/NA	Prep	SW5035A		1	3152593_P	03/04/21 12:45		XM
Total/NA	Analysis	8021B - BTEX		1	3152593	03/04/21 20:51	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Client Sample ID: SW-5 (2')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152649_P	03/04/21 18:30		XM
Total/NA	Analysis	300.0 - Chloride		1	3152649	03/05/21 01:34	CHE	XM
Total/NA	Prep	SW8015P		1	3152505_P	03/03/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152505	03/04/21 05:37	ARM	XM
Total/NA	Prep	SW5035A		1	3152593_P	03/04/21 12:45		XM
Total/NA	Analysis	8021B - BTEX		1	3152593	03/04/21 21:11	KTL	XM

Client Sample ID: SW-6 (2')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152649_P	03/04/21 18:30		XM
Total/NA	Analysis	300.0 - Chloride		1	3152649	03/05/21 01:40	CHE	XM
Total/NA	Prep	SW8015P		1	3152505_P	03/03/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152505	03/04/21 05:58	ARM	XM
Total/NA	Prep	SW5035A		1	3152593_P	03/04/21 12:45		XM
Total/NA	Analysis	8021B - BTEX		1	3152593	03/04/21 21:32	KTL	XM

Client Sample ID: SW-7 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152649_P	03/04/21 18:30		XM
Total/NA	Analysis	300.0 - Chloride		1	3152649	03/05/21 01:45	CHE	XM
Total/NA	Prep	SW8015P		1	3152505_P	03/03/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152505	03/04/21 06:19	ARM	XM
Total/NA	Prep	SW5035A		1	3152593_P	03/04/21 12:45		XM
Total/NA	Analysis	8021B - BTEX		1	3152593	03/04/21 21:53	KTL	XM

Client Sample ID: SW-8 (1')
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Lab Sample ID: 890-241-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152649_P	03/04/21 18:30		XM
Total/NA	Analysis	300.0 - Chloride		1	3152649	03/05/21 01:50	CHE	XM
Total/NA	Prep	SW8015P		1	3152506_P	03/03/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152506	03/03/21 19:49	ARM	XM
Total/NA	Prep	SW5035A		1	3152593_P	03/04/21 12:45		XM
Total/NA	Analysis	8021B - BTEX		1	3152593	03/04/21 22:13	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Client Sample ID: SW-9 (1')

Lab Sample ID: 890-241-9
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152649_P	03/04/21 18:30		XM
Total/NA	Analysis	300.0 - Chloride		1	3152649	03/05/21 02:06	CHE	XM
Total/NA	Prep	SW8015P		1	3152506_P	03/03/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152506	03/03/21 20:10	ARM	XM
Total/NA	Prep	SW5035A		1	3152593_P	03/04/21 12:45		XM
Total/NA	Analysis	8021B - BTEX		1	3152593	03/04/21 22:34	KTL	XM

Client Sample ID: SW-10 (1')

Lab Sample ID: 890-241-10
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152649_P	03/04/21 18:30		XM
Total/NA	Analysis	300.0 - Chloride		1	3152649	03/05/21 02:11	CHE	XM
Total/NA	Prep	SW8015P		1	3152506_P	03/03/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152506	03/03/21 20:31	ARM	XM
Total/NA	Prep	SW5035A		1	3152593_P	03/04/21 12:45		XM
Total/NA	Analysis	8021B - BTEX		1	3152593	03/04/21 22:55	KTL	XM

Client Sample ID: SW-11 (1')

Lab Sample ID: 890-241-11
Matrix: Solid
Date Collected: 03/02/21 00:00
Date Received: 03/03/21 08:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152649_P	03/04/21 18:30		XM
Total/NA	Analysis	300.0 - Chloride		1	3152649	03/05/21 02:17	CHE	XM
Total/NA	Prep	SW8015P		1	3152506_P	03/03/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152506	03/03/21 20:52	ARM	XM
Total/NA	Prep	SW5035A		1	3152593_P	03/04/21 12:45		XM
Total/NA	Analysis	8021B - BTEX		1	3152593	03/05/21 00:18	KTL	XM

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Method	Method Description	Protocol	Laboratory
300.0	EPA 300.0	EPA	XM
8015B	SW846 8015B TPH ORO	SW846	XM
8021	SW846 8021 Volatile Organic Compounds	SW846	XM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-241-1
SDG: 212C-MD-02339

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
890-241-1	SW-1 (5')	Solid	03/02/21 00:00	03/03/21 08:23	
890-241-2	SW-2 (5')	Solid	03/02/21 00:00	03/03/21 08:23	
890-241-3	SW-3 (5')	Solid	03/02/21 00:00	03/03/21 08:23	
890-241-4	SW-4 (5')	Solid	03/02/21 00:00	03/03/21 08:23	
890-241-5	SW-5 (2')	Solid	03/02/21 00:00	03/03/21 08:23	
890-241-6	SW-6 (2')	Solid	03/02/21 00:00	03/03/21 08:23	
890-241-7	SW-7 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-241-8	SW-8 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-241-9	SW-9 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-241-10	SW-10 (1')	Solid	03/02/21 00:00	03/03/21 08:23	
890-241-11	SW-11 (1')	Solid	03/02/21 00:00	03/03/21 08:23	

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

890-241 Chain of Custody

3/5/2021

Client Name: EOG	Site Manager: Brittany Long
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, NM	Project #: 212C-MD-02339
Invoice to: Todd Wells	
Receiving Laboratory: Xenco	Sampler Signature: Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	TIME	MATRIX WATER	SOIL		PRESERVATIVE METHOD HCL	HNO_3	ICE	None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	SW-1 (5')	3/2/21			X				X			1	N	X		X													X					
	SW-2 (5')				X				X			1	N																					
	SW-3 (5')																																	
	SW-4 (5')																																	
	SW-5 (2')																																	
	SW-6 (2')																																	
	SW-7 (1')																																	
	SW-8 (1')																																	
	SW-9 (1')																																	
	SW-10 (1')																																	

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Ezequiel Moreno	3/3/21	0823	Cloe Cuttle	3.3.21	0823
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
0.8/0.6

REMARKS:
☐ STANDARD
☒ 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

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Received by OCD: 12/21/2021 3:26:13 PM

Released to Imaging: 1/14/2022 2:45:36 PM

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Analysis Request of Chain of Custody Record

Page 2 of 2

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Brittany Long
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, NM	**Project #:** 212C-MD-02339
Invoice to: Todd Wells	
Receiving Laboratory: Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	TIME	MATRIX WATER	SOIL		PRESERVATIVE METHOD HCL	HNO_3	ICE	None		# CONTAINERS	FILTERED (Y/N)
	SW-11 (1')	3/2/21			X				X			1	N
					X				X			1	N

ANALYSIS REQUEST
(Circle or Specify Method No.)

BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
X		X												X							

Relinquished by: Ezequiel Moreno	Date: 3/3/21	Time: 0823	Received by: Clee Cuttle
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 3.3.21 Time: 0823

LAB USE ONLY
Sample Temperature: 0.8/0.4

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

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Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-241-1
SDG Number: 212C-MD-02339

Login Number: 241
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.	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	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-273-1
Laboratory Sample Delivery Group: 212C-MD-02339
Client Project/Site: Fox 30 State Com

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
3/11/2021 5:46:11 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Laboratory Job ID: 890-273-1
SDG: 212C-MD-02339

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Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-273-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Qualifiers

Subcontract

Qualifier	Qualifier Description
**	Surrogate recovered outside laboratory control limit.
F	RPD exceeded lab control limits.
U	Analyte was not detected.
X	MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference

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: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Job ID: 890-273-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-273-1

Receipt
The samples were received on 3/5/2021 8:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

Receipt Exceptions
The following samples analyzed for method BTEX 8021 were received and analyzed from an unpreserved bulk soil jar: SW-15 (0,5') (890-273-1), SW-16 (4') (890-273-2), SW-17 (4') (890-273-3), SW-18 (4') (890-273-4), SW-19 (4') (890-273-5), SW-20 (3') (890-273-6), SW-21 (3') (890-273-7), SW-22 (3') (890-273-8), SW-23 (3') (890-273-9), SW-24 (1') (890-273-10), SW-25 (1') (890-273-11), SW-26 (1') (890-273-12), SW-12 (0.5') (890-273-13), SW-13 (0.5') (890-273-14) and SW-14 (0.5') (890-273-15).

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Client Sample ID: SW-15 (0,5')

Lab Sample ID: 890-273-1
Matrix: Solid
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.4		4.97		mg/kg		03/06/21 15:30	03/06/21 20:48	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 12:47	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 12:47	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 12:47	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 135*	*03/06/21 10:00*	*03/06/21 12:47*	*1*
o-Terphenyl	*85*		*70 - 135*	*03/06/21 10:00*	*03/06/21 12:47*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/06/21 08:30	03/07/21 20:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/06/21 08:30	03/07/21 20:12	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/06/21 08:30	03/07/21 20:12	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/06/21 08:30	03/07/21 20:12	1
Toluene	<0.00201	U	0.00201		mg/kg		03/06/21 08:30	03/07/21 20:12	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/06/21 08:30	03/07/21 20:12	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/06/21 08:30	03/07/21 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*95*		*70 - 130*	*03/06/21 08:30*	*03/07/21 20:12*	*1*
4-Bromofluorobenzene	*104*		*70 - 130*	*03/06/21 08:30*	*03/07/21 20:12*	*1*

Client Sample ID: SW-16 (4')

Lab Sample ID: 890-273-2
Matrix: Solid
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.5		4.95		mg/kg		03/06/21 15:30	03/06/21 20:54	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 13:50	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 13:50	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 13:50	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 135*	*03/06/21 10:00*	*03/06/21 13:50*	*1*
o-Terphenyl	*87*		*70 - 135*	*03/06/21 10:00*	*03/06/21 13:50*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/06/21 08:30	03/07/21 20:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/06/21 08:30	03/07/21 20:32	1
m,p-Xylenes	<0.00404	U	0.00404		mg/kg		03/06/21 08:30	03/07/21 20:32	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/06/21 08:30	03/07/21 20:32	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Client Sample ID: SW-16 (4')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00202	U	0.00202		mg/kg		03/06/21 08:30	03/07/21 20:32	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/06/21 08:30	03/07/21 20:32	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/06/21 08:30	03/07/21 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*94*		*70 - 130*	*03/06/21 08:30*	*03/07/21 20:32*	*1*
4-Bromofluorobenzene	*103*		*70 - 130*	*03/06/21 08:30*	*03/07/21 20:32*	*1*

Client Sample ID: SW-17 (4')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-3
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.7**		4.96		mg/kg		03/06/21 15:30	03/06/21 21:00	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 14:11	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 14:11	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 14:11	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 135*	*03/06/21 10:00*	*03/06/21 14:11*	*1*
o-Terphenyl	*84*		*70 - 135*	*03/06/21 10:00*	*03/06/21 14:11*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 10:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 10:57	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/09/21 16:00	03/10/21 10:57	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 10:57	1
Toluene	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 10:57	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 10:57	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 10:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*93*		*70 - 130*	*03/09/21 16:00*	*03/10/21 10:57*	*1*
4-Bromofluorobenzene	*98*		*70 - 130*	*03/09/21 16:00*	*03/10/21 10:57*	*1*

Client Sample ID: SW-18 (4')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-4
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.6**		4.95		mg/kg		03/06/21 16:00	03/06/21 20:12	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 14:32	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Client Sample ID: SW-18 (4')

Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-4

Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 14:32	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 14:32	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 135*	*03/06/21 10:00*	*03/06/21 14:32*	*1*
o-Terphenyl	*102*		*70 - 135*	*03/06/21 10:00*	*03/06/21 14:32*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 11:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 11:17	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/09/21 16:00	03/10/21 11:17	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 11:17	1
Toluene	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 11:17	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 11:17	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*83*		*70 - 130*	*03/09/21 16:00*	*03/10/21 11:17*	*1*
4-Bromofluorobenzene	*47*		*70 - 130*	*03/09/21 16:00*	*03/10/21 11:17*	*1*

Client Sample ID: SW-19 (4')

Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-5

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56.3**		5.01		mg/kg		03/06/21 16:00	03/06/21 20:27	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 14:53	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 14:53	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 14:53	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 135*	*03/06/21 10:00*	*03/06/21 14:53*	*1*
o-Terphenyl	*85*		*70 - 135*	*03/06/21 10:00*	*03/06/21 14:53*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/09/21 16:00	03/10/21 11:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/09/21 16:00	03/10/21 11:37	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/09/21 16:00	03/10/21 11:37	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/09/21 16:00	03/10/21 11:37	1
Toluene	<0.00201	U	0.00201		mg/kg		03/09/21 16:00	03/10/21 11:37	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/09/21 16:00	03/10/21 11:37	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/09/21 16:00	03/10/21 11:37	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Client Sample ID: SW-19 (4')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-5
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	93		70 - 130	03/09/21 16:00	03/10/21 11:37	1
4-Bromofluorobenzene	96		70 - 130	03/09/21 16:00	03/10/21 11:37	1

Client Sample ID: SW-20 (3')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-6
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.9		4.98		mg/kg		03/06/21 16:00	03/06/21 20:32	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 15:14	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 15:14	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 15:14	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 135	03/06/21 10:00	03/06/21 15:14	1
o-Terphenyl	86		70 - 135	03/06/21 10:00	03/06/21 15:14	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 11:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 11:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/09/21 16:00	03/10/21 11:58	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 11:58	1
Toluene	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 11:58	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 11:58	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 11:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	94		70 - 130	03/09/21 16:00	03/10/21 11:58	1
4-Bromofluorobenzene	96		70 - 130	03/09/21 16:00	03/10/21 11:58	1

Client Sample ID: SW-21 (3')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-7
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.3		5.00		mg/kg		03/06/21 16:00	03/06/21 20:37	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 15:35	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 15:35	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 15:35	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 15:35	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Client Sample ID: SW-21 (3')

Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-7
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 135	03/06/21 10:00	03/06/21 15:35	1
o-Terphenyl	86		70 - 135	03/06/21 10:00	03/06/21 15:35	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 12:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 12:18	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/09/21 16:00	03/10/21 12:18	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 12:18	1
Toluene	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 12:18	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 12:18	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/09/21 16:00	03/10/21 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	96		70 - 130	03/09/21 16:00	03/10/21 12:18	1
4-Bromofluorobenzene	94		70 - 130	03/09/21 16:00	03/10/21 12:18	1

Client Sample ID: SW-22 (3')

Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-8
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.9		4.97		mg/kg		03/06/21 16:00	03/06/21 20:42	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 15:56	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 15:56	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 15:56	1
Total TPH	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 135	03/06/21 10:00	03/06/21 15:56	1
o-Terphenyl	85		70 - 135	03/06/21 10:00	03/06/21 15:56	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/09/21 16:00	03/10/21 12:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/09/21 16:00	03/10/21 12:39	1
m,p-Xylenes	<0.00396	U	0.00396		mg/kg		03/09/21 16:00	03/10/21 12:39	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/09/21 16:00	03/10/21 12:39	1
Toluene	<0.00198	U	0.00198		mg/kg		03/09/21 16:00	03/10/21 12:39	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/09/21 16:00	03/10/21 12:39	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/09/21 16:00	03/10/21 12:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	93		70 - 130	03/09/21 16:00	03/10/21 12:39	1
4-Bromofluorobenzene	99		70 - 130	03/09/21 16:00	03/10/21 12:39	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Client Sample ID: SW-23 (3')

Lab Sample ID: 890-273-9
Matrix: Solid
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.4		4.97		mg/kg		03/06/21 16:00	03/06/21 20:57	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 16:17	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 16:17	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 16:17	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 135*	*03/06/21 10:00*	*03/06/21 16:17*	*1*
o-Terphenyl	*83*		*70 - 135*	*03/06/21 10:00*	*03/06/21 16:17*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/09/21 16:00	03/10/21 12:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/09/21 16:00	03/10/21 12:59	1
m,p-Xylenes	<0.00403	U	0.00403		mg/kg		03/09/21 16:00	03/10/21 12:59	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/09/21 16:00	03/10/21 12:59	1
Toluene	<0.00202	U	0.00202		mg/kg		03/09/21 16:00	03/10/21 12:59	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/09/21 16:00	03/10/21 12:59	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/09/21 16:00	03/10/21 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*95*		*70 - 130*	*03/09/21 16:00*	*03/10/21 12:59*	*1*
4-Bromofluorobenzene	*97*		*70 - 130*	*03/09/21 16:00*	*03/10/21 12:59*	*1*

Client Sample ID: SW-24 (1')

Lab Sample ID: 890-273-10
Matrix: Solid
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.1		4.97		mg/kg		03/06/21 16:00	03/06/21 21:02	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 16:38	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 16:38	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 16:38	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 135*	*03/06/21 10:00*	*03/06/21 16:38*	*1*
o-Terphenyl	*83*		*70 - 135*	*03/06/21 10:00*	*03/06/21 16:38*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 14:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 14:51	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/09/21 16:00	03/10/21 14:51	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 14:51	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Client Sample ID: SW-24 (1')

Lab Sample ID: 890-273-10
Matrix: Solid
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 14:51	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 14:51	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*95*		*70 - 130*	*03/09/21 16:00*	*03/10/21 14:51*	*1*
4-Bromofluorobenzene	*96*		*70 - 130*	*03/09/21 16:00*	*03/10/21 14:51*	*1*

Client Sample ID: SW-25 (1')

Lab Sample ID: 890-273-11
Matrix: Solid
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.3		4.99		mg/kg		03/06/21 16:00	03/06/21 21:07	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 17:20	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 17:20	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 17:20	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 135*	*03/06/21 10:00*	*03/06/21 17:20*	*1*
o-Terphenyl	*86*		*70 - 135*	*03/06/21 10:00*	*03/06/21 17:20*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 15:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 15:12	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/09/21 16:00	03/10/21 15:12	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 15:12	1
Toluene	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 15:12	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 15:12	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/09/21 16:00	03/10/21 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*95*		*70 - 130*	*03/09/21 16:00*	*03/10/21 15:12*	*1*
4-Bromofluorobenzene	*96*		*70 - 130*	*03/09/21 16:00*	*03/10/21 15:12*	*1*

Client Sample ID: SW-26 (1')

Lab Sample ID: 890-273-12
Matrix: Solid
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.8		4.98		mg/kg		03/06/21 16:00	03/06/21 21:12	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 17:40	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Client Sample ID: SW-26 (1')

Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-12

Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 17:40	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 17:40	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 135*	*03/06/21 10:00*	*03/06/21 17:40*	*1*
o-Terphenyl	*86*		*70 - 135*	*03/06/21 10:00*	*03/06/21 17:40*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 13:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 13:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/10/21 13:30	03/11/21 13:30	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 13:30	1
Toluene	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 13:30	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 13:30	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*92*		*70 - 130*	*03/10/21 13:30*	*03/11/21 13:30*	*1*
4-Bromofluorobenzene	*90*		*70 - 130*	*03/10/21 13:30*	*03/11/21 13:30*	*1*

Client Sample ID: SW-12 (0.5')

Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-13

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.3**		5.00		mg/kg		03/06/21 16:00	03/06/21 21:17	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:01	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:01	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:01	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 135*	*03/06/21 10:00*	*03/06/21 18:01*	*1*
o-Terphenyl	*85*		*70 - 135*	*03/06/21 10:00*	*03/06/21 18:01*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 13:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 13:56	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/10/21 13:30	03/11/21 13:56	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 13:56	1
Toluene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 13:56	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 13:56	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 13:56	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Client Sample ID: SW-12 (0.5')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-13
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*99*		*70 - 130*	*03/10/21 13:30*	*03/11/21 13:56*	*1*
4-Bromofluorobenzene	*104*		*70 - 130*	*03/10/21 13:30*	*03/11/21 13:56*	*1*

Client Sample ID: SW-13 (0.5')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-14
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.5**		5.02		mg/kg		03/06/21 16:00	03/06/21 21:22	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 18:23	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 18:23	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 18:23	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 135*	*03/06/21 10:00*	*03/06/21 18:23*	*1*
o-Terphenyl	*97*		*70 - 135*	*03/06/21 10:00*	*03/06/21 18:23*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 14:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 14:22	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/10/21 13:30	03/11/21 14:22	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 14:22	1
Toluene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 14:22	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 14:22	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*102*		*70 - 130*	*03/10/21 13:30*	*03/11/21 14:22*	*1*
4-Bromofluorobenzene	*104*		*70 - 130*	*03/10/21 13:30*	*03/11/21 14:22*	*1*

Client Sample ID: SW-14 (0.5')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-15
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.6**		4.99		mg/kg		03/06/21 16:00	03/06/21 21:37	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:44	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:44	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:44	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:44	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Client Sample ID: SW-14 (0.5')

Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-15

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*84*		*70 - 135*	*03/06/21 10:00*	*03/06/21 18:44*	*1*
o-Terphenyl	*84*		*70 - 135*	*03/06/21 10:00*	*03/06/21 18:44*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 14:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 14:48	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/10/21 13:30	03/11/21 14:48	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 14:48	1
Toluene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 14:48	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 14:48	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	*109*		*70 - 130*	*03/10/21 13:30*	*03/11/21 14:48*	*1*
4-Bromofluorobenzene	*105*		*70 - 130*	*03/10/21 13:30*	*03/11/21 14:48*	*1*

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO	OTPH
Lab Sample ID	Client Sample ID	(70-135)	(70-135)
890-273-1	SW-15 (0,5')	84	85
890-273-2	SW-16 (4')	86	87
890-273-3	SW-17 (4')	84	84
890-273-4	SW-18 (4')	102	102
890-273-5	SW-19 (4')	84	85
890-273-6	SW-20 (3')	85	86
890-273-7	SW-21 (3')	85	86
890-273-8	SW-22 (3')	85	85
890-273-9	SW-23 (3')	83	83
890-273-10	SW-24 (1')	83	83
890-273-11	SW-25 (1')	86	86
890-273-12	SW-26 (1')	86	86
890-273-13	SW-12 (0.5')	84	85
890-273-14	SW-13 (0.5')	98	97
890-273-15	SW-14 (0.5')	84	84

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Matrix: SOIL

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		BFB
Lab Sample ID	Client Sample ID	(70-130)
690554-005 S	Matrix Spike	105
690554-005 SD	Matrix Spike Duplicate	109
690562-001 S	Matrix Spike	101
690562-001 SD	Matrix Spike Duplicate	106
691123-014 S	Matrix Spike	101
691123-014 SD	Matrix Spike Duplicate	85
7722713-1-BKS	Lab Control Sample	105
7722713-1-BLK	Method Blank	95
7722713-1-BSD	Lab Control Sample Dup	99
7722919-1-BKS	Lab Control Sample	106
7722919-1-BLK	Method Blank	91
7722919-1-BSD	Lab Control Sample Dup	110
7723038-1-BKS	Lab Control Sample	105
7723038-1-BLK	Method Blank	65 **
7723038-1-BSD	Lab Control Sample Dup	90

Surrogate Legend

BFB = 4-Bromofluorobenzene

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-273-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	BFB (70-130)	DFBZ (70-130)								
890-273-1	SW-15 (0,5')	104	95								
890-273-2	SW-16 (4')	103	94								
890-273-3	SW-17 (4')	98	93								
890-273-4	SW-18 (4')	47	83								
890-273-5	SW-19 (4')	96	93								
890-273-6	SW-20 (3')	96	94								
890-273-7	SW-21 (3')	94	96								
890-273-8	SW-22 (3')	99	93								
890-273-9	SW-23 (3')	97	95								
890-273-10	SW-24 (1')	96	95								
890-273-11	SW-25 (1')	96	95								
890-273-12	SW-26 (1')	90	92								
890-273-13	SW-12 (0.5')	104	99								
890-273-14	SW-13 (0.5')	104	102								
890-273-15	SW-14 (0.5')	105	109								

Surrogate Legend

BFB = 4-Bromofluorobenzene
DFBZ = 1,4-Difluorobenzene

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 7722687-1-BLK
Matrix: SOIL
Analysis Batch: 3152767

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152767_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/06/21 15:30	03/06/21 18:06	1

Lab Sample ID: 7722687-1-BKS
Matrix: SOIL
Analysis Batch: 3152767

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152767_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	254		mg/kg		102	80 - 120

Lab Sample ID: 7722687-1-BSD
Matrix: SOIL
Analysis Batch: 3152767

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152767_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	254		mg/kg		102	80 - 120	0	20

Lab Sample ID: 690620-004 S
Matrix: SOIL
Analysis Batch: 3152767

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152767_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	4290		2500	6920		mg/kg		105	80 - 120

Lab Sample ID: 690620-004 SD
Matrix: SOIL
Analysis Batch: 3152767

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152767_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	4290		2500	6920		mg/kg		105	80 - 120	0	20

Lab Sample ID: 690621-010 S
Matrix: SOIL
Analysis Batch: 3152767

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152767_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	<4.99		250	259		mg/kg		104	80 - 120

Lab Sample ID: 690621-010 SD
Matrix: SOIL
Analysis Batch: 3152767

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152767_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<4.99		250	258		mg/kg		103	80 - 120	0	20

Lab Sample ID: 7722688-1-BLK
Matrix: SOIL
Analysis Batch: 3152768

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152768_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/06/21 16:00	03/06/21 19:57	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 7722688-1-BKS
Matrix: SOIL
Analysis Batch: 3152768

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152768_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	257		mg/kg		103	80 - 120		

Lab Sample ID: 7722688-1-BSD
Matrix: SOIL
Analysis Batch: 3152768

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152768_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	257		mg/kg		103	80 - 120	0	20

Lab Sample ID: 690576-004 S
Matrix: SOIL
Analysis Batch: 3152768

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152768_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	54.6		248	309		mg/kg		103	80 - 120		

Lab Sample ID: 690576-004 SD
Matrix: SOIL
Analysis Batch: 3152768

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152768_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	54.6		248	308		mg/kg		102	80 - 120	0	20

Lab Sample ID: 690576-014 S
Matrix: SOIL
Analysis Batch: 3152768

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152768_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	39.5		251	310		mg/kg		108	80 - 120		

Lab Sample ID: 690576-014 SD
Matrix: SOIL
Analysis Batch: 3152768

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152768_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	39.5		251	310		mg/kg		108	80 - 120	0	20

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Lab Sample ID: 7722754-1-BLK
Matrix: SOIL
Analysis Batch: 3152851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152851_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		03/06/21 10:00	03/06/21 11:44	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		03/06/21 10:00	03/06/21 11:44	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		03/06/21 10:00	03/06/21 11:44	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Lab Sample ID: 7722754-1-BKS
Matrix: SOIL
Analysis Batch: 3152851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152851_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	1000	942		mg/kg		94	70 - 135
Gasoline Range Hydrocarbons (GRO)	1000	975		mg/kg		98	70 - 135

Lab Sample ID: 7722754-1-BSD
Matrix: SOIL
Analysis Batch: 3152851

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152851_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	1000	990		mg/kg		99	70 - 135	5	20
Gasoline Range Hydrocarbons (GRO)	1000	1020		mg/kg		102	70 - 135	5	20

Lab Sample ID: 690576-001 S
Matrix: SOIL
Analysis Batch: 3152851

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152851_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	<50		997	975		mg/kg		98	70 - 135
Gasoline Range Hydrocarbons (GRO)	<50		997	978		mg/kg		98	70 - 135

Lab Sample ID: 690576-001 SD
Matrix: SOIL
Analysis Batch: 3152851

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152851_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	<50		999	1010		mg/kg		101	70 - 135	4	20
Gasoline Range Hydrocarbons (GRO)	<50		999	1010		mg/kg		101	70 - 135	3	20

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Lab Sample ID: 7722713-1-BLK
Matrix: SOIL
Analysis Batch: 3152799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152799_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/06/21 08:30	03/07/21 17:07	1
Ethylbenzene	<.002	U	.002		mg/kg		03/06/21 08:30	03/07/21 17:07	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/06/21 08:30	03/07/21 17:07	1
o-Xylene	<.002	U	.002		mg/kg		03/06/21 08:30	03/07/21 17:07	1
Toluene	<.002	U	.002		mg/kg		03/06/21 08:30	03/07/21 17:07	1

Surrogate	*BLANK %Recovery*	*BLANK Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*	*03/06/21 08:30*	*03/07/21 17:07*	*1*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

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

Lab Sample ID: 7722713-1-BKS
Matrix: SOIL
Analysis Batch: 3152799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152799_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			.1	0.0909		mg/kg		91	70 - 130		
Ethylbenzene			.1	0.0933		mg/kg		93	71 - 129		
m,p-Xylenes			.2	0.190		mg/kg		95	70 - 135		
o-Xylene			.1	0.0957		mg/kg		96	71 - 133		
Toluene			.1	0.0869		mg/kg		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*

Lab Sample ID: 7722713-1-BSD
Matrix: SOIL
Analysis Batch: 3152799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152799_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			.1	0.0860		mg/kg		86	70 - 130	6	35
Ethylbenzene			.1	0.0880		mg/kg		88	71 - 129	6	35
m,p-Xylenes			.2	0.178		mg/kg		89	70 - 135	7	35
o-Xylene			.1	0.0897		mg/kg		90	71 - 133	6	35
Toluene			.1	0.0822		mg/kg		82	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*

Lab Sample ID: 690562-001 S
Matrix: SOIL
Analysis Batch: 3152799

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152799_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<.002		.101	0.0562	X	mg/kg		56	70 - 130		
Ethylbenzene	0.00258		.101	0.0469	X	mg/kg		44	71 - 129		
m,p-Xylenes	<.004		.201	0.100	X	mg/kg		50	70 - 135		
o-Xylene	0.00288		.101	0.0588	X	mg/kg		55	71 - 133		
Toluene	<.002		.101	0.0476	X	mg/kg		47	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*

Lab Sample ID: 690562-001 SD
Matrix: SOIL
Analysis Batch: 3152799

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152799_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<.002		.1	0.0430	X	mg/kg		43	70 - 130	27	35
Ethylbenzene	0.00258		.1	0.0379	X	mg/kg		35	71 - 129	21	35
m,p-Xylenes	<.004		.2	0.0841	X	mg/kg		42	70 - 135	17	35
o-Xylene	0.00288		.1	0.0543	X	mg/kg		51	71 - 133	8	35
Toluene	<.002		.1	0.0367	X	mg/kg		37	70 - 130	26	35

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

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

Lab Sample ID: 690562-001 SD
Matrix: SOIL
Analysis Batch: 3152799

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152799_P

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	106		70 - 130

Lab Sample ID: 7722919-1-BLK
Matrix: SOIL
Analysis Batch: 3153059

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153059_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/09/21 16:00	03/10/21 05:49	1
Ethylbenzene	<.002	U	.002		mg/kg		03/09/21 16:00	03/10/21 05:49	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/09/21 16:00	03/10/21 05:49	1
o-Xylene	<.002	U	.002		mg/kg		03/09/21 16:00	03/10/21 05:49	1
Toluene	<.002	U	.002		mg/kg		03/09/21 16:00	03/10/21 05:49	1

Surrogate	BLANK %Recovery	BLANK Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		70 - 130	03/09/21 16:00	03/10/21 05:49	1

Lab Sample ID: 7722919-1-BKS
Matrix: SOIL
Analysis Batch: 3153059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153059_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	.1	0.107		mg/kg		107	70 - 130
Ethylbenzene	.1	0.0967		mg/kg		97	71 - 129
m,p-Xylenes	.2	0.199		mg/kg		100	70 - 135
o-Xylene	.1	0.103		mg/kg		103	71 - 133
Toluene	.1	0.0984		mg/kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	106		70 - 130

Lab Sample ID: 7722919-1-BSD
Matrix: SOIL
Analysis Batch: 3153059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153059_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	.1	0.108		mg/kg		108	70 - 130	1	35
Ethylbenzene	.1	0.103		mg/kg		103	71 - 129	6	35
m,p-Xylenes	.2	0.213		mg/kg		107	70 - 135	7	35
o-Xylene	.1	0.110		mg/kg		110	71 - 133	7	35
Toluene	.1	0.102		mg/kg		102	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	110		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

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

Lab Sample ID: 690554-005 S
Matrix: SOIL
Analysis Batch: 3153059

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3153059_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<.00199		.1	0.0899		mg/kg		90	70 - 130
Ethylbenzene	<.00199		.1	0.0846		mg/kg		85	71 - 129
m,p-Xylenes	<.00398		.2	0.174		mg/kg		87	70 - 135
o-Xylene	<.00199		.1	0.0899		mg/kg		90	71 - 133
Toluene	<.00199		.1	0.0843		mg/kg		84	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*

Lab Sample ID: 690554-005 SD
Matrix: SOIL
Analysis Batch: 3153059

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3153059_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<.00199		.0994	0.0614	X F	mg/kg		62	70 - 130	38	35
Ethylbenzene	<.00199		.0994	0.0628	X	mg/kg		63	71 - 129	30	35
m,p-Xylenes	<.00398		.199	0.132	X	mg/kg		66	70 - 135	27	35
o-Xylene	<.00199		.0994	0.0701		mg/kg		71	71 - 133	25	35
Toluene	<.00199		.0994	0.0601	X	mg/kg		60	70 - 130	34	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*109*		*70 - 130*

Lab Sample ID: 7723038-1-BLK
Matrix: SOIL
Analysis Batch: 3153278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153278_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/10/21 13:30	03/11/21 10:30	1
Ethylbenzene	<.002	U	.002		mg/kg		03/10/21 13:30	03/11/21 10:30	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/10/21 13:30	03/11/21 10:30	1
o-Xylene	<.002	U	.002		mg/kg		03/10/21 13:30	03/11/21 10:30	1
Toluene	<.002	U	.002		mg/kg		03/10/21 13:30	03/11/21 10:30	1

Surrogate	*BLANK %Recovery*	*BLANK Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*65*	**	*70 - 130*	*03/10/21 13:30*	*03/11/21 10:30*	*1*

Lab Sample ID: 7723038-1-BKS
Matrix: SOIL
Analysis Batch: 3153278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153278_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	.1	0.0988		mg/kg		99	70 - 130
Ethylbenzene	.1	0.0947		mg/kg		95	71 - 129
m,p-Xylenes	.2	0.197		mg/kg		99	70 - 135
o-Xylene	.1	0.0983		mg/kg		98	71 - 133
Toluene	.1	0.0983		mg/kg		98	70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

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

Lab Sample ID: 7723038-1-BKS
Matrix: SOIL
Analysis Batch: 3153278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153278_P

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	105		70 - 130

Lab Sample ID: 7723038-1-BSD
Matrix: SOIL
Analysis Batch: 3153278

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153278_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			.1	0.0787		mg/kg		79	70 - 130	23	35
Ethylbenzene			.1	0.0770		mg/kg		77	71 - 129	21	35
m,p-Xylenes			.2	0.160		mg/kg		80	70 - 135	21	35
o-Xylene			.1	0.0797		mg/kg		80	71 - 133	21	35
Toluene			.1	0.0795		mg/kg		80	70 - 130	21	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	90		70 - 130

Lab Sample ID: 691123-014 S
Matrix: SOIL
Analysis Batch: 3153278

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3153278_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<.002		.0996	0.0836		mg/kg		84	70 - 130
Ethylbenzene	<.002		.0996	0.0802		mg/kg		81	71 - 129
m,p-Xylenes	<.00399		.199	0.166		mg/kg		83	70 - 135
o-Xylene	<.002		.0996	0.0814		mg/kg		82	71 - 133
Toluene	<.002		.0996	0.0825		mg/kg		83	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	101		70 - 130

Lab Sample ID: 691123-014 SD
Matrix: SOIL
Analysis Batch: 3153278

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3153278_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<.002		.0998	0.0625	X	mg/kg		63	70 - 130	29	35
Ethylbenzene	<.002		.0998	0.0617	X	mg/kg		62	71 - 129	26	35
m,p-Xylenes	<.00399		.2	0.126	X	mg/kg		63	70 - 135	27	35
o-Xylene	<.002		.0998	0.0628	X	mg/kg		63	71 - 133	26	35
Toluene	<.002		.0998	0.0644	X	mg/kg		65	70 - 130	25	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	85		70 - 130

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Subcontract

Analysis Batch: 3152767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-273-1	SW-15 (0,5')	Total/NA	Solid	300.0 - Chloride	3152767_P
890-273-2	SW-16 (4')	Total/NA	Solid	300.0 - Chloride	3152767_P
890-273-3	SW-17 (4')	Total/NA	Solid	300.0 - Chloride	3152767_P
7722687-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152767_P
7722687-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152767_P
7722687-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152767_P
690620-004 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3152767_P
690620-004 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3152767_P
690621-010 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3152767_P
690621-010 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3152767_P

Analysis Batch: 3152768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-273-4	SW-18 (4')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-273-5	SW-19 (4')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-273-6	SW-20 (3')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-273-7	SW-21 (3')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-273-8	SW-22 (3')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-273-9	SW-23 (3')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-273-10	SW-24 (1')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-273-11	SW-25 (1')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-273-12	SW-26 (1')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-273-13	SW-12 (0.5')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-273-14	SW-13 (0.5')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-273-15	SW-14 (0.5')	Total/NA	Solid	300.0 - Chloride	3152768_P
7722688-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152768_P
7722688-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152768_P
7722688-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152768_P
690576-004 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3152768_P
690576-004 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3152768_P
690576-014 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3152768_P
690576-014 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3152768_P

Analysis Batch: 3152799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-273-1	SW-15 (0,5')	Total/NA	Solid	8021B - BTEX	3152799_P
890-273-2	SW-16 (4')	Total/NA	Solid	8021B - BTEX	3152799_P
7722713-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3152799_P
7722713-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3152799_P
7722713-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3152799_P
690562-001 S	Matrix Spike	Total/NA	SOIL	8021B - BTEX	3152799_P
690562-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	8021B - BTEX	3152799_P

Analysis Batch: 3152851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-273-1	SW-15 (0,5')	Total/NA	Solid	8015 NM - TPH	3152851_P
890-273-2	SW-16 (4')	Total/NA	Solid	8015 NM - TPH	3152851_P
890-273-3	SW-17 (4')	Total/NA	Solid	8015 NM - TPH	3152851_P
890-273-4	SW-18 (4')	Total/NA	Solid	8015 NM - TPH	3152851_P
890-273-5	SW-19 (4')	Total/NA	Solid	8015 NM - TPH	3152851_P
890-273-6	SW-20 (3')	Total/NA	Solid	8015 NM - TPH	3152851_P

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Subcontract (Continued)

Analysis Batch: 3152851 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-273-7	SW-21 (3')	Total/NA	Solid	8015 NM - TPH	3152851_P
890-273-8	SW-22 (3')	Total/NA	Solid	8015 NM - TPH	3152851_P
890-273-9	SW-23 (3')	Total/NA	Solid	8015 NM - TPH	3152851_P
890-273-10	SW-24 (1')	Total/NA	Solid	8015 NM - TPH	3152851_P
890-273-11	SW-25 (1')	Total/NA	Solid	8015 NM - TPH	3152851_P
890-273-12	SW-26 (1')	Total/NA	Solid	8015 NM - TPH	3152851_P
890-273-13	SW-12 (0.5')	Total/NA	Solid	8015 NM - TPH	3152851_P
890-273-14	SW-13 (0.5')	Total/NA	Solid	8015 NM - TPH	3152851_P
890-273-15	SW-14 (0.5')	Total/NA	Solid	8015 NM - TPH	3152851_P
7722754-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3152851_P
7722754-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3152851_P
7722754-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3152851_P
690576-001 S	Matrix Spike	Total/NA	SOIL	8015 NM - TPH	3152851_P
690576-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	8015 NM - TPH	3152851_P

Analysis Batch: 3153059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-273-3	SW-17 (4')	Total/NA	Solid	8021B - BTEX	3153059_P
890-273-4	SW-18 (4')	Total/NA	Solid	8021B - BTEX	3153059_P
890-273-5	SW-19 (4')	Total/NA	Solid	8021B - BTEX	3153059_P
890-273-6	SW-20 (3')	Total/NA	Solid	8021B - BTEX	3153059_P
890-273-7	SW-21 (3')	Total/NA	Solid	8021B - BTEX	3153059_P
890-273-8	SW-22 (3')	Total/NA	Solid	8021B - BTEX	3153059_P
890-273-9	SW-23 (3')	Total/NA	Solid	8021B - BTEX	3153059_P
890-273-10	SW-24 (1')	Total/NA	Solid	8021B - BTEX	3153059_P
890-273-11	SW-25 (1')	Total/NA	Solid	8021B - BTEX	3153059_P
7722919-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3153059_P
7722919-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3153059_P
7722919-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3153059_P
690554-005 S	Matrix Spike	Total/NA	SOIL	8021B - BTEX	3153059_P
690554-005 SD	Matrix Spike Duplicate	Total/NA	SOIL	8021B - BTEX	3153059_P

Analysis Batch: 3153278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-273-12	SW-26 (1')	Total/NA	Solid	8021B - BTEX	3153278_P
890-273-13	SW-12 (0.5')	Total/NA	Solid	8021B - BTEX	3153278_P
890-273-14	SW-13 (0.5')	Total/NA	Solid	8021B - BTEX	3153278_P
890-273-15	SW-14 (0.5')	Total/NA	Solid	8021B - BTEX	3153278_P
7723038-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3153278_P
7723038-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3153278_P
7723038-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3153278_P
691123-014 S	Matrix Spike	Total/NA	SOIL	8021B - BTEX	3153278_P
691123-014 SD	Matrix Spike Duplicate	Total/NA	SOIL	8021B - BTEX	3153278_P

Prep Batch: 3152767_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-273-1	SW-15 (0,5')	Total/NA	Solid	E300P	
890-273-2	SW-16 (4')	Total/NA	Solid	E300P	
890-273-3	SW-17 (4')	Total/NA	Solid	E300P	
7722687-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3152767_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
7722687-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722687-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
690620-004 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690620-004 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	
690621-010 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690621-010 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152768_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-273-4	SW-18 (4')	Total/NA	Solid	E300P	
890-273-5	SW-19 (4')	Total/NA	Solid	E300P	
890-273-6	SW-20 (3')	Total/NA	Solid	E300P	
890-273-7	SW-21 (3')	Total/NA	Solid	E300P	
890-273-8	SW-22 (3')	Total/NA	Solid	E300P	
890-273-9	SW-23 (3')	Total/NA	Solid	E300P	
890-273-10	SW-24 (1')	Total/NA	Solid	E300P	
890-273-11	SW-25 (1')	Total/NA	Solid	E300P	
890-273-12	SW-26 (1')	Total/NA	Solid	E300P	
890-273-13	SW-12 (0.5')	Total/NA	Solid	E300P	
890-273-14	SW-13 (0.5')	Total/NA	Solid	E300P	
890-273-15	SW-14 (0.5')	Total/NA	Solid	E300P	
7722688-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722688-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722688-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
690576-004 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690576-004 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	
690576-014 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690576-014 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152799_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-273-1	SW-15 (0,5')	Total/NA	Solid	SW5035A	
890-273-2	SW-16 (4')	Total/NA	Solid	SW5035A	
7722713-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7722713-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7722713-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	
690562-001 S	Matrix Spike	Total/NA	SOIL	SW5035A	
690562-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	SW5035A	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Subcontract

Prep Batch: 3152851_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-273-1	SW-15 (0,5')	Total/NA	Solid	SW8015P	
890-273-2	SW-16 (4')	Total/NA	Solid	SW8015P	
890-273-3	SW-17 (4')	Total/NA	Solid	SW8015P	
890-273-4	SW-18 (4')	Total/NA	Solid	SW8015P	
890-273-5	SW-19 (4')	Total/NA	Solid	SW8015P	
890-273-6	SW-20 (3')	Total/NA	Solid	SW8015P	
890-273-7	SW-21 (3')	Total/NA	Solid	SW8015P	
890-273-8	SW-22 (3')	Total/NA	Solid	SW8015P	
890-273-9	SW-23 (3')	Total/NA	Solid	SW8015P	
890-273-10	SW-24 (1')	Total/NA	Solid	SW8015P	
890-273-11	SW-25 (1')	Total/NA	Solid	SW8015P	
890-273-12	SW-26 (1')	Total/NA	Solid	SW8015P	
890-273-13	SW-12 (0.5')	Total/NA	Solid	SW8015P	
890-273-14	SW-13 (0.5')	Total/NA	Solid	SW8015P	
890-273-15	SW-14 (0.5')	Total/NA	Solid	SW8015P	
7722754-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722754-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722754-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
690576-001 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690576-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3153059_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-273-3	SW-17 (4')	Total/NA	Solid	SW5035A	
890-273-4	SW-18 (4')	Total/NA	Solid	SW5035A	
890-273-5	SW-19 (4')	Total/NA	Solid	SW5035A	
890-273-6	SW-20 (3')	Total/NA	Solid	SW5035A	
890-273-7	SW-21 (3')	Total/NA	Solid	SW5035A	
890-273-8	SW-22 (3')	Total/NA	Solid	SW5035A	
890-273-9	SW-23 (3')	Total/NA	Solid	SW5035A	
890-273-10	SW-24 (1')	Total/NA	Solid	SW5035A	
890-273-11	SW-25 (1')	Total/NA	Solid	SW5035A	
7722919-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7722919-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7722919-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	
690554-005 S	Matrix Spike	Total/NA	SOIL	SW5035A	
690554-005 SD	Matrix Spike Duplicate	Total/NA	SOIL	SW5035A	

Prep Batch: 3153278_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-273-12	SW-26 (1')	Total/NA	Solid	SW5035A	
890-273-13	SW-12 (0.5')	Total/NA	Solid	SW5035A	
890-273-14	SW-13 (0.5')	Total/NA	Solid	SW5035A	
890-273-15	SW-14 (0.5')	Total/NA	Solid	SW5035A	
7723038-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7723038-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7723038-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3153278_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
691123-014 S	Matrix Spike	Total/NA	SOIL	SW5035A	
691123-014 SD	Matrix Spike Duplicate	Total/NA	SOIL	SW5035A	

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Client Sample ID: SW-15 (0,5')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152767_P	03/06/21 15:30		XM
Total/NA	Analysis	300.0 - Chloride		1	3152767	03/06/21 20:48	SPC	XM
Total/NA	Prep	SW8015P		1	3152851_P	03/06/21 10:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152851	03/06/21 12:47	ARM	XM
Total/NA	Prep	SW5035A		1	3152799_P	03/06/21 08:30		XM
Total/NA	Analysis	8021B - BTEX		1	3152799	03/07/21 20:12	KTL	XM

Client Sample ID: SW-16 (4')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152767_P	03/06/21 15:30		XM
Total/NA	Analysis	300.0 - Chloride		1	3152767	03/06/21 20:54	SPC	XM
Total/NA	Prep	SW8015P		1	3152851_P	03/06/21 10:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152851	03/06/21 13:50	ARM	XM
Total/NA	Prep	SW5035A		1	3152799_P	03/06/21 08:30		XM
Total/NA	Analysis	8021B - BTEX		1	3152799	03/07/21 20:32	KTL	XM

Client Sample ID: SW-17 (4')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152767_P	03/06/21 15:30		XM
Total/NA	Analysis	300.0 - Chloride		1	3152767	03/06/21 21:00	SPC	XM
Total/NA	Prep	SW8015P		1	3152851_P	03/06/21 10:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152851	03/06/21 14:11	ARM	XM
Total/NA	Prep	SW5035A		1	3153059_P	03/09/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153059	03/10/21 10:57	KTL	XM

Client Sample ID: SW-18 (4')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152768_P	03/06/21 16:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3152768	03/06/21 20:12	SPC	XM
Total/NA	Prep	SW8015P		1	3152851_P	03/06/21 10:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152851	03/06/21 14:32	ARM	XM
Total/NA	Prep	SW5035A		1	3153059_P	03/09/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153059	03/10/21 11:17	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Client Sample ID: SW-19 (4')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152768_P	03/06/21 16:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3152768	03/06/21 20:27	SPC	XM
Total/NA	Prep	SW8015P		1	3152851_P	03/06/21 10:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152851	03/06/21 14:53	ARM	XM
Total/NA	Prep	SW5035A		1	3153059_P	03/09/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153059	03/10/21 11:37	KTL	XM

Client Sample ID: SW-20 (3')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152768_P	03/06/21 16:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3152768	03/06/21 20:32	SPC	XM
Total/NA	Prep	SW8015P		1	3152851_P	03/06/21 10:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152851	03/06/21 15:14	ARM	XM
Total/NA	Prep	SW5035A		1	3153059_P	03/09/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153059	03/10/21 11:58	KTL	XM

Client Sample ID: SW-21 (3')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152768_P	03/06/21 16:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3152768	03/06/21 20:37	SPC	XM
Total/NA	Prep	SW8015P		1	3152851_P	03/06/21 10:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152851	03/06/21 15:35	ARM	XM
Total/NA	Prep	SW5035A		1	3153059_P	03/09/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153059	03/10/21 12:18	KTL	XM

Client Sample ID: SW-22 (3')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152768_P	03/06/21 16:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3152768	03/06/21 20:42	SPC	XM
Total/NA	Prep	SW8015P		1	3152851_P	03/06/21 10:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152851	03/06/21 15:56	ARM	XM
Total/NA	Prep	SW5035A		1	3153059_P	03/09/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153059	03/10/21 12:39	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Client Sample ID: SW-23 (3')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152768_P	03/06/21 16:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3152768	03/06/21 20:57	SPC	XM
Total/NA	Prep	SW8015P		1	3152851_P	03/06/21 10:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152851	03/06/21 16:17	ARM	XM
Total/NA	Prep	SW5035A		1	3153059_P	03/09/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153059	03/10/21 12:59	KTL	XM

Client Sample ID: SW-24 (1')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152768_P	03/06/21 16:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3152768	03/06/21 21:02	SPC	XM
Total/NA	Prep	SW8015P		1	3152851_P	03/06/21 10:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152851	03/06/21 16:38	ARM	XM
Total/NA	Prep	SW5035A		1	3153059_P	03/09/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153059	03/10/21 14:51	KTL	XM

Client Sample ID: SW-25 (1')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152768_P	03/06/21 16:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3152768	03/06/21 21:07	SPC	XM
Total/NA	Prep	SW8015P		1	3152851_P	03/06/21 10:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152851	03/06/21 17:20	ARM	XM
Total/NA	Prep	SW5035A		1	3153059_P	03/09/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153059	03/10/21 15:12	KTL	XM

Client Sample ID: SW-26 (1')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152768_P	03/06/21 16:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3152768	03/06/21 21:12	SPC	XM
Total/NA	Prep	SW8015P		1	3152851_P	03/06/21 10:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152851	03/06/21 17:40	ARM	XM
Total/NA	Prep	SW5035A		1	3153278_P	03/10/21 13:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153278	03/11/21 13:30	MNR	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Client Sample ID: SW-12 (0.5')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152768_P	03/06/21 16:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3152768	03/06/21 21:17	SPC	XM
Total/NA	Prep	SW8015P		1	3152851_P	03/06/21 10:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152851	03/06/21 18:01	ARM	XM
Total/NA	Prep	SW5035A		1	3153278_P	03/10/21 13:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153278	03/11/21 13:56	MNR	XM

Client Sample ID: SW-13 (0.5')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152768_P	03/06/21 16:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3152768	03/06/21 21:22	SPC	XM
Total/NA	Prep	SW8015P		1	3152851_P	03/06/21 10:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152851	03/06/21 18:23	ARM	XM
Total/NA	Prep	SW5035A		1	3153278_P	03/10/21 13:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153278	03/11/21 14:22	MNR	XM

Client Sample ID: SW-14 (0.5')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-273-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3152768_P	03/06/21 16:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3152768	03/06/21 21:37	SPC	XM
Total/NA	Prep	SW8015P		1	3152851_P	03/06/21 10:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3152851	03/06/21 18:44	ARM	XM
Total/NA	Prep	SW5035A		1	3153278_P	03/10/21 13:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153278	03/11/21 14:48	MNR	XM

Laboratory References:
XM = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Method	Method Description	Protocol	Laboratory
300.0	EPA 300.0	EPA	XM
8015B	SW846 8015B TPH ORO	SW846	XM
8021	SW846 8021 Volatile Organic Compounds	SW846	XM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-273-1
SDG: 212C-MD-02339

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
890-273-1	SW-15 (0,5')	Solid	03/04/21 00:00	03/05/21 08:20	
890-273-2	SW-16 (4')	Solid	03/04/21 00:00	03/05/21 08:20	
890-273-3	SW-17 (4')	Solid	03/04/21 00:00	03/05/21 08:20	
890-273-4	SW-18 (4')	Solid	03/04/21 00:00	03/05/21 08:20	
890-273-5	SW-19 (4')	Solid	03/04/21 00:00	03/05/21 08:20	
890-273-6	SW-20 (3')	Solid	03/04/21 00:00	03/05/21 08:20	
890-273-7	SW-21 (3')	Solid	03/04/21 00:00	03/05/21 08:20	
890-273-8	SW-22 (3')	Solid	03/04/21 00:00	03/05/21 08:20	
890-273-9	SW-23 (3')	Solid	03/04/21 00:00	03/05/21 08:20	
890-273-10	SW-24 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-273-11	SW-25 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-273-12	SW-26 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-273-13	SW-12 (0.5')	Solid	03/04/21 00:00	03/05/21 08:20	
890-273-14	SW-13 (0.5')	Solid	03/04/21 00:00	03/05/21 08:20	
890-273-15	SW-14 (0.5')	Solid	03/04/21 00:00	03/05/21 08:20	

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

890-273 Chain of Custody

Client Name:	EOG	**Site Manager:**	Brittany Long
Project Name:	Fox 30 State Com		
Project Location: (county, state)	Lea County, NM	**Project #:**	212C-MD-02339
Invoice to:	EOG Todd Wells		
Receiving Laboratory:	Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	SW-15 (0.5')	3/4/2021			X				X			1	N	X		X											X								
	SW-16 (4')	3/4/2021			X				X			1	N	X		X											X								
	SW-17 (4')	3/4/2021			X				X			1	N	X		X											X								
	SW-18 (4')	3/4/2021			X				X			1	N	X		X											X								
	SW-19 (4')	3/4/2021			X				X			1	N	X		X											X								
	SW-20 (3')	3/4/2021			X				X			1	N	X		X											X								
	SW-21 (3')	3/4/2021			X				X			1	N	X		X											X								
	SW-22 (3')	3/4/2021			X				X			1	N	X		X											X								
	SW-23 (3')	3/4/2021			X				X			1	N	X		X											X								
	SW-24 (1')	3/4/2021			X				X			1	N	X		X											X								

Relinquished by: Ezequiel Moreno	Date: 3/5/21	Time: 0820	Received by: Cloe Cuff
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY

Sample Temperature 1.2 / 1.0

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Received by OCD: 12/21/2021 3:26:13 PM

Released to Imaging: 1/14/2022 2:45:36 PM

3/11/2021

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Analysis Request of Chain of Custody Record

3/11/2021

Tetra Tech, Inc.

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

Client Name:	EOG	**Site Manager:**	Brittany Long
Project Name:	Fox 30 State Com		
Project Location: (county, state)	Lea County, NM	**Project #:**	212C-MD-02339
Invoice to:	EOG Todd Wells		
Receiving Laboratory:	Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	PRESERVATIVE METHOD:	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	SW-25 (1')	3/4/2021			X				X			1	N	X		X												X							
	SW-26 (1')	3/4/2021			X				X			1	N	X		X												X							
	SW-12 (0.5')	↓			↓				↓			↓	↓	↓		↓												↓							
	SW-13 (0.5')																																	
	SW-14 (0.5)				↓				↓			↓	↓																					
	CKC 3.5.21																																	

Relinquished by: Ezequiel Moreno	Date: 3/5/21	Time: 0820	Received by: Cloe Cuff
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY		Date: 3.5.21	Time: 0820
Sample Temperature	1.2 / 1.2		

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Received by OCD: 12/21/2021 3:26:13 PM

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Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-273-1
SDG Number: 212C-MD-02339

Login Number: 273
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.	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	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-274-1
Laboratory Sample Delivery Group: 212C-MD-02339
Client Project/Site: Fox 30 State Com

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
3/15/2021 11:01:09 AM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Laboratory Job ID: 890-274-1
SDG: 212C-MD-02339

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Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-274-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Qualifiers

Subcontract

Qualifier	Qualifier Description
**	Surrogate recovered outside laboratory control limit.
U	Analyte was 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: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Job ID: 890-274-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-274-1

Receipt
The samples were received on 3/5/2021 8:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

Receipt Exceptions
The following samples analyzed for method BTEX8021 were received and analyzed from an unpreserved bulk soil jar: BH-60 (0,5') (890-274-1), BH-61 (0.5') (890-274-2), BH-62 (0.5') (890-274-3), BH-63 (4') (890-274-4), BH-64 (4') (890-274-5), BH-65 (4') (890-274-6), BH-66 (3') (890-274-7), BH-67 (3') (890-274-8), BH-68 (1') (890-274-9), BH-69 (1') (890-274-10), BH-70 (1') (890-274-11), BH-71 (1') (890-274-12), BH-72 (1') (890-274-13), BH-73 (1') (890-274-14), BH-74 (1') (890-274-15), BH-75 (1') (890-274-16), BH-76 (1') (890-274-17), BH-77 (1') (890-274-18), BH-78 (1') (890-274-19), BH-79 (1') (890-274-20), BH-80 (1') (890-274-21), BH-81 (1') (890-274-22), BH-82 (1') (890-274-23), BH-83 (1') (890-274-24), BH-84 (1') (890-274-25), BH-85 (1') (890-274-26), BH-86 (1') (890-274-27), BH-87 (1') (890-274-28), BH-88 (1') (890-274-29), BH-89 (1') (890-274-30), BH-90 (1') (890-274-31), BH-91 (1') (890-274-32), BH-92 (1') (890-274-33), BH-93 (1') (890-274-34), BH-94 (1') (890-274-35), BH-95 (1') (890-274-36), BH-96 (1') (890-274-37), BH-97 (1') (890-274-38), BH-98 (1') (890-274-39), BH-99 (1') (890-274-40), BH-100 (1') (890-274-41), BH-101 (1') (890-274-42), BH-102 (1') (890-274-43), BH-103 (1') (890-274-44), BH-104 (1') (890-274-45) and BH-105 (1') (890-274-46).

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-60 (0,5')

Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-1
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.3		4.98		mg/kg		03/06/21 16:00	03/06/21 21:42	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 12:47	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 12:47	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 12:47	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 135*	*03/06/21 10:00*	*03/06/21 12:47*	*1*
o-Terphenyl	*95*		*70 - 135*	*03/06/21 10:00*	*03/06/21 12:47*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/10/21 13:30	03/11/21 16:05	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/10/21 13:30	03/11/21 16:05	1
m,p-Xylenes	<0.00403	U	0.00403		mg/kg		03/10/21 13:30	03/11/21 16:05	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/10/21 13:30	03/11/21 16:05	1
Toluene	<0.00202	U	0.00202		mg/kg		03/10/21 13:30	03/11/21 16:05	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/10/21 13:30	03/11/21 16:05	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/10/21 13:30	03/11/21 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*109*		*70 - 130*	*03/10/21 13:30*	*03/11/21 16:05*	*1*
4-Bromofluorobenzene	*121*		*70 - 130*	*03/10/21 13:30*	*03/11/21 16:05*	*1*

Client Sample ID: BH-61 (0.5')

Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-2
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.2		4.96		mg/kg		03/06/21 16:00	03/06/21 21:57	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 13:50	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 13:50	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 13:50	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 135*	*03/06/21 10:00*	*03/06/21 13:50*	*1*
o-Terphenyl	*97*		*70 - 135*	*03/06/21 10:00*	*03/06/21 13:50*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 16:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 16:30	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/10/21 13:30	03/11/21 16:30	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 16:30	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-274-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Client Sample ID: BH-61 (0.5') Lab Sample ID: 890-274-2
Date Collected: 03/03/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 16:30	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 16:30	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*101*		*70 - 130*	*03/10/21 13:30*	*03/11/21 16:30*	*1*
4-Bromofluorobenzene	*88*		*70 - 130*	*03/10/21 13:30*	*03/11/21 16:30*	*1*

Client Sample ID: BH-62 (0.5') Lab Sample ID: 890-274-3
Date Collected: 03/03/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		4.97		mg/kg		03/06/21 16:00	03/06/21 22:02	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 14:11	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 14:11	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 14:11	1
Total TPH	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 135*	*03/06/21 10:00*	*03/06/21 14:11*	*1*
o-Terphenyl	*92*		*70 - 135*	*03/06/21 10:00*	*03/06/21 14:11*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 16:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 16:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/10/21 13:30	03/11/21 16:56	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 16:56	1
Toluene	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 16:56	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 16:56	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*111*		*70 - 130*	*03/10/21 13:30*	*03/11/21 16:56*	*1*
4-Bromofluorobenzene	*91*		*70 - 130*	*03/10/21 13:30*	*03/11/21 16:56*	*1*

Client Sample ID: BH-63 (4') Lab Sample ID: 890-274-4
Date Collected: 03/03/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		4.97		mg/kg		03/06/21 16:00	03/06/21 22:07	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 14:32	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-63 (4')
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-4
Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 14:32	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 14:32	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 135*	*03/06/21 10:00*	*03/06/21 14:32*	*1*
o-Terphenyl	*94*		*70 - 135*	*03/06/21 10:00*	*03/06/21 14:32*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 17:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 17:22	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/10/21 13:30	03/11/21 17:22	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 17:22	1
Toluene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 17:22	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 17:22	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*89*		*70 - 130*	*03/10/21 13:30*	*03/11/21 17:22*	*1*
4-Bromofluorobenzene	*80*		*70 - 130*	*03/10/21 13:30*	*03/11/21 17:22*	*1*

Client Sample ID: BH-64 (4')
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-5
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.5**		4.99		mg/kg		03/06/21 16:00	03/06/21 22:12	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 14:53	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 14:53	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 14:53	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 135*	*03/06/21 10:00*	*03/06/21 14:53*	*1*
o-Terphenyl	*91*		*70 - 135*	*03/06/21 10:00*	*03/06/21 14:53*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 17:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 17:47	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/10/21 13:30	03/11/21 17:47	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 17:47	1
Toluene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 17:47	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 17:47	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 17:47	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-64 (4')
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-5
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	*109*		*70 - 130*	*03/10/21 13:30*	*03/11/21 17:47*	*1*
4-Bromofluorobenzene	*104*		*70 - 130*	*03/10/21 13:30*	*03/11/21 17:47*	*1*

Client Sample ID: BH-65 (4')
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-6
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.8**		5.02		mg/kg		03/06/21 16:00	03/06/21 22:17	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 15:14	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 15:14	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 15:14	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*87*		*70 - 135*	*03/06/21 10:00*	*03/06/21 15:14*	*1*
o-Terphenyl	*94*		*70 - 135*	*03/06/21 10:00*	*03/06/21 15:14*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 18:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 18:13	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/10/21 13:30	03/11/21 18:13	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 18:13	1
Toluene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 18:13	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 18:13	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	*107*		*70 - 130*	*03/10/21 13:30*	*03/11/21 18:13*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*	*03/10/21 13:30*	*03/11/21 18:13*	*1*

Client Sample ID: BH-66 (3')
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-7
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**427**		5.03		mg/kg		03/06/21 16:00	03/06/21 22:22	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 15:35	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 15:35	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 15:35	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 15:35	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-66 (3')

Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-7
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 135*	*03/06/21 10:00*	*03/06/21 15:35*	*1*
o-Terphenyl	*95*		*70 - 135*	*03/06/21 10:00*	*03/06/21 15:35*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 18:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 18:38	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/10/21 13:30	03/11/21 18:38	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 18:38	1
Toluene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 18:38	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 18:38	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*107*		*70 - 130*	*03/10/21 13:30*	*03/11/21 18:38*	*1*
4-Bromofluorobenzene	*97*		*70 - 130*	*03/10/21 13:30*	*03/11/21 18:38*	*1*

Client Sample ID: BH-67 (3')

Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-8
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**435**		4.98		mg/kg		03/06/21 16:00	03/06/21 22:27	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 15:56	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 15:56	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 15:56	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 135*	*03/06/21 10:00*	*03/06/21 15:56*	*1*
o-Terphenyl	*96*		*70 - 135*	*03/06/21 10:00*	*03/06/21 15:56*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 19:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 19:03	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/10/21 13:30	03/11/21 19:03	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 19:03	1
Toluene	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 19:03	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 19:03	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/10/21 13:30	03/11/21 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*108*		*70 - 130*	*03/10/21 13:30*	*03/11/21 19:03*	*1*
4-Bromofluorobenzene	*104*		*70 - 130*	*03/10/21 13:30*	*03/11/21 19:03*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-68 (1')

Lab Sample ID: 890-274-9
Matrix: Solid
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.2		4.99		mg/kg		03/07/21 16:10	03/07/21 18:22	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 16:17	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 16:17	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 16:17	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 135*	*03/06/21 10:00*	*03/06/21 16:17*	*1*
o-Terphenyl	*89*		*70 - 135*	*03/06/21 10:00*	*03/06/21 16:17*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 19:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 19:29	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/10/21 13:30	03/11/21 19:29	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 19:29	1
Toluene	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 19:29	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 19:29	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/10/21 13:30	03/11/21 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*109*		*70 - 130*	*03/10/21 13:30*	*03/11/21 19:29*	*1*
4-Bromofluorobenzene	*97*		*70 - 130*	*03/10/21 13:30*	*03/11/21 19:29*	*1*

Client Sample ID: BH-69 (1')

Lab Sample ID: 890-274-10
Matrix: Solid
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.0		4.95		mg/kg		03/07/21 16:10	03/07/21 18:29	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 16:38	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 16:38	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 16:38	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 135*	*03/06/21 10:00*	*03/06/21 16:38*	*1*
o-Terphenyl	*93*		*70 - 135*	*03/06/21 10:00*	*03/06/21 16:38*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 19:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 19:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/10/21 13:30	03/11/21 19:55	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 19:55	1

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Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-274-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Client Sample ID: BH-69 (1') Lab Sample ID: 890-274-10
Date Collected: 03/03/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 19:55	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 19:55	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/10/21 13:30	03/11/21 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*111*		*70 - 130*	*03/10/21 13:30*	*03/11/21 19:55*	*1*
4-Bromofluorobenzene	*103*		*70 - 130*	*03/10/21 13:30*	*03/11/21 19:55*	*1*

Client Sample ID: BH-70 (1') Lab Sample ID: 890-274-11
Date Collected: 03/03/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.4**		4.98		mg/kg		03/07/21 16:10	03/07/21 18:50	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 17:20	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 17:20	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 17:20	1
Total TPH	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 135*	*03/06/21 10:00*	*03/06/21 17:20*	*1*
o-Terphenyl	*97*		*70 - 135*	*03/06/21 10:00*	*03/06/21 17:20*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/10/21 12:00	03/11/21 22:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/10/21 12:00	03/11/21 22:24	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/10/21 12:00	03/11/21 22:24	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/10/21 12:00	03/11/21 22:24	1
Toluene	<0.00201	U	0.00201		mg/kg		03/10/21 12:00	03/11/21 22:24	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/10/21 12:00	03/11/21 22:24	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/10/21 12:00	03/11/21 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*94*		*70 - 130*	*03/10/21 12:00*	*03/11/21 22:24*	*1*
4-Bromofluorobenzene	*94*		*70 - 130*	*03/10/21 12:00*	*03/11/21 22:24*	*1*

Client Sample ID: BH-71 (1') Lab Sample ID: 890-274-12
Date Collected: 03/03/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.8**		4.99		mg/kg		03/08/21 11:55	03/08/21 15:49	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 17:40	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-71 (1')

Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-12

Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 17:40	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 17:40	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 135*	*03/06/21 10:00*	*03/06/21 17:40*	*1*
o-Terphenyl	*93*		*70 - 135*	*03/06/21 10:00*	*03/06/21 17:40*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/10/21 12:00	03/11/21 22:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/10/21 12:00	03/11/21 22:45	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/10/21 12:00	03/11/21 22:45	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/10/21 12:00	03/11/21 22:45	1
Toluene	<0.00200	U	0.00200		mg/kg		03/10/21 12:00	03/11/21 22:45	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/10/21 12:00	03/11/21 22:45	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/10/21 12:00	03/11/21 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*94*		*70 - 130*	*03/10/21 12:00*	*03/11/21 22:45*	*1*
4-Bromofluorobenzene	*99*		*70 - 130*	*03/10/21 12:00*	*03/11/21 22:45*	*1*

Client Sample ID: BH-72 (1')

Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-13

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72.9**		4.97		mg/kg		03/08/21 11:55	03/08/21 15:54	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:01	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:01	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:01	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 135*	*03/06/21 10:00*	*03/06/21 18:01*	*1*
o-Terphenyl	*94*		*70 - 135*	*03/06/21 10:00*	*03/06/21 18:01*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/10/21 12:00	03/11/21 23:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/10/21 12:00	03/11/21 23:05	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/10/21 12:00	03/11/21 23:05	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/10/21 12:00	03/11/21 23:05	1
Toluene	<0.00200	U	0.00200		mg/kg		03/10/21 12:00	03/11/21 23:05	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/10/21 12:00	03/11/21 23:05	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/10/21 12:00	03/11/21 23:05	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-72 (1')
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-13
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*91*		*70 - 130*	*03/10/21 12:00*	*03/11/21 23:05*	*1*
4-Bromofluorobenzene	*96*		*70 - 130*	*03/10/21 12:00*	*03/11/21 23:05*	*1*

Client Sample ID: BH-73 (1')
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-14
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.9**		5.02		mg/kg		03/08/21 11:55	03/08/21 15:59	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 18:23	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 18:23	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 18:23	1
Total TPH	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 135*	*03/06/21 10:00*	*03/06/21 18:23*	*1*
o-Terphenyl	*92*		*70 - 135*	*03/06/21 10:00*	*03/06/21 18:23*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/10/21 12:00	03/11/21 23:26	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/10/21 12:00	03/11/21 23:26	1
m,p-Xylenes	<0.00397	U	0.00397		mg/kg		03/10/21 12:00	03/11/21 23:26	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/10/21 12:00	03/11/21 23:26	1
Toluene	<0.00198	U	0.00198		mg/kg		03/10/21 12:00	03/11/21 23:26	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/10/21 12:00	03/11/21 23:26	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/10/21 12:00	03/11/21 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*93*		*70 - 130*	*03/10/21 12:00*	*03/11/21 23:26*	*1*
4-Bromofluorobenzene	*98*		*70 - 130*	*03/10/21 12:00*	*03/11/21 23:26*	*1*

Client Sample ID: BH-74 (1')
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-15
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.7**		5.00		mg/kg		03/08/21 11:55	03/08/21 16:48	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:44	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:44	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:44	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 18:44	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-74 (1')

Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-15

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 135	03/06/21 10:00	03/06/21 18:44	1
o-Terphenyl	92		70 - 135	03/06/21 10:00	03/06/21 18:44	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/10/21 12:00	03/11/21 23:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/10/21 12:00	03/11/21 23:46	1
m,p-Xylenes	<0.00396	U	0.00396		mg/kg		03/10/21 12:00	03/11/21 23:46	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/10/21 12:00	03/11/21 23:46	1
Toluene	<0.00198	U	0.00198		mg/kg		03/10/21 12:00	03/11/21 23:46	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/10/21 12:00	03/11/21 23:46	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/10/21 12:00	03/11/21 23:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	93		70 - 130	03/10/21 12:00	03/11/21 23:46	1
4-Bromofluorobenzene	94		70 - 130	03/10/21 12:00	03/11/21 23:46	1

Client Sample ID: BH-75 (1')

Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-16

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.6		5.00		mg/kg		03/08/21 11:55	03/08/21 16:05	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 19:05	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 19:05	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 19:05	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 135	03/06/21 10:00	03/06/21 19:05	1
o-Terphenyl	100		70 - 135	03/06/21 10:00	03/06/21 19:05	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 18:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 18:27	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/11/21 17:00	03/12/21 18:27	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 18:27	1
Toluene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 18:27	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 18:27	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	102		70 - 130	03/11/21 17:00	03/12/21 18:27	1
4-Bromofluorobenzene	92		70 - 130	03/11/21 17:00	03/12/21 18:27	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-76 (1')

Lab Sample ID: 890-274-17
Matrix: Solid
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.3		5.00		mg/kg		03/08/21 11:55	03/08/21 16:10	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 19:26	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 19:26	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 19:26	1
Total TPH	<49.8	U	49.8		mg/kg		03/06/21 10:00	03/06/21 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 135*	*03/06/21 10:00*	*03/06/21 19:26*	*1*
o-Terphenyl	*93*		*70 - 135*	*03/06/21 10:00*	*03/06/21 19:26*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 18:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 18:53	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/11/21 17:00	03/12/21 18:53	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 18:53	1
Toluene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 18:53	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 18:53	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*101*		*70 - 130*	*03/11/21 17:00*	*03/12/21 18:53*	*1*
4-Bromofluorobenzene	*89*		*70 - 130*	*03/11/21 17:00*	*03/12/21 18:53*	*1*

Client Sample ID: BH-77 (1')

Lab Sample ID: 890-274-18
Matrix: Solid
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.7		5.00		mg/kg		03/08/21 11:55	03/08/21 16:15	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 19:47	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 19:47	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 19:47	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 135*	*03/06/21 10:00*	*03/06/21 19:47*	*1*
o-Terphenyl	*93*		*70 - 135*	*03/06/21 10:00*	*03/06/21 19:47*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 19:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 19:18	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/11/21 17:00	03/12/21 19:18	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 19:18	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-274-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Client Sample ID: BH-77 (1') Lab Sample ID: 890-274-18
Date Collected: 03/03/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 19:18	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 19:18	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*111*		*70 - 130*	*03/11/21 17:00*	*03/12/21 19:18*	*1*
4-Bromofluorobenzene	*103*		*70 - 130*	*03/11/21 17:00*	*03/12/21 19:18*	*1*

Client Sample ID: BH-78 (1') Lab Sample ID: 890-274-19
Date Collected: 03/03/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.8**		5.00		mg/kg		03/08/21 12:15	03/08/21 12:37	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 20:09	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 20:09	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 20:09	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 10:00	03/06/21 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 135*	*03/06/21 10:00*	*03/06/21 20:09*	*1*
o-Terphenyl	*93*		*70 - 135*	*03/06/21 10:00*	*03/06/21 20:09*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 19:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 19:44	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/11/21 17:00	03/12/21 19:44	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 19:44	1
Toluene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 19:44	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 19:44	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*111*		*70 - 130*	*03/11/21 17:00*	*03/12/21 19:44*	*1*
4-Bromofluorobenzene	*104*		*70 - 130*	*03/11/21 17:00*	*03/12/21 19:44*	*1*

Client Sample ID: BH-79 (1') Lab Sample ID: 890-274-20
Date Collected: 03/03/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62.1**		4.98		mg/kg		03/08/21 12:15	03/08/21 12:54	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 20:30	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-79 (1')
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-20
Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 20:30	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 20:30	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 10:00	03/06/21 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 135*	*03/06/21 10:00*	*03/06/21 20:30*	*1*
o-Terphenyl	*93*		*70 - 135*	*03/06/21 10:00*	*03/06/21 20:30*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 20:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 20:09	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/11/21 17:00	03/12/21 20:09	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 20:09	1
Toluene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 20:09	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 20:09	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*107*		*70 - 130*	*03/11/21 17:00*	*03/12/21 20:09*	*1*
4-Bromofluorobenzene	*100*		*70 - 130*	*03/11/21 17:00*	*03/12/21 20:09*	*1*

Client Sample ID: BH-80 (1')
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-21
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.5**		5.00		mg/kg		03/08/21 12:15	03/08/21 13:00	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/06/21 22:17	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/06/21 22:17	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/06/21 22:17	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/06/21 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 135*	*03/06/21 11:00*	*03/06/21 22:17*	*1*
o-Terphenyl	*88*		*70 - 135*	*03/06/21 11:00*	*03/06/21 22:17*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 20:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 20:35	1
m,p-Xylenes	<0.00400	U	0.00400		mg/kg		03/11/21 17:00	03/12/21 20:35	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 20:35	1
Toluene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 20:35	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 20:35	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 20:35	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-80 (1')
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-21
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	110		70 - 130	03/11/21 17:00	03/12/21 20:35	1
4-Bromofluorobenzene	102		70 - 130	03/11/21 17:00	03/12/21 20:35	1

Client Sample ID: BH-81 (1')
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-22
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.9**		5.04		mg/kg		03/08/21 12:15	03/08/21 13:05	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/06/21 23:20	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/06/21 23:20	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/06/21 23:20	1
Total TPH	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/06/21 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 135	03/06/21 11:00	03/06/21 23:20	1
o-Terphenyl	98		70 - 135	03/06/21 11:00	03/06/21 23:20	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/11/21 14:00	03/12/21 07:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/11/21 14:00	03/12/21 07:34	1
m,p-Xylenes	**0.00598**		0.00403		mg/kg		03/11/21 14:00	03/12/21 07:34	1
o-Xylene	**0.00238**		0.00202		mg/kg		03/11/21 14:00	03/12/21 07:34	1
Toluene	<0.00202	U	0.00202		mg/kg		03/11/21 14:00	03/12/21 07:34	1
Total BTEX	**0.00836**		0.00202		mg/kg		03/11/21 14:00	03/12/21 07:34	1
Total Xylenes	**0.00836**		0.00202		mg/kg		03/11/21 14:00	03/12/21 07:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	03/11/21 14:00	03/12/21 07:34	1
4-Bromofluorobenzene	105		70 - 130	03/11/21 14:00	03/12/21 07:34	1

Client Sample ID: BH-82 (1')
Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-23
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.5**		4.96		mg/kg		03/08/21 12:15	03/08/21 13:11	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/06/21 23:41	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/06/21 23:41	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/06/21 23:41	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/06/21 23:41	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-82 (1')

Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-23

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 135	03/06/21 11:00	03/06/21 23:41	1
o-Terphenyl	101		70 - 135	03/06/21 11:00	03/06/21 23:41	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 21:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 21:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/11/21 17:00	03/12/21 21:37	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 21:37	1
Toluene	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 21:37	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 21:37	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/11/21 17:00	03/12/21 21:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	108		70 - 130	03/11/21 17:00	03/12/21 21:37	1
4-Bromofluorobenzene	127		70 - 130	03/11/21 17:00	03/12/21 21:37	1

Client Sample ID: BH-83 (1')

Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-24

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.3		4.95		mg/kg		03/08/21 12:15	03/08/21 13:29	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 00:02	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 00:02	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 00:02	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 00:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 135	03/06/21 11:00	03/07/21 00:02	1
o-Terphenyl	96		70 - 135	03/06/21 11:00	03/07/21 00:02	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:04	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/11/21 17:00	03/12/21 22:04	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:04	1
Toluene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:04	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:04	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	119		70 - 130	03/11/21 17:00	03/12/21 22:04	1
4-Bromofluorobenzene	78		70 - 130	03/11/21 17:00	03/12/21 22:04	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-84 (1')

Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-25

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.5		4.95		mg/kg		03/08/21 12:15	03/08/21 13:34	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 00:22	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 00:22	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 00:22	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 135*	*03/06/21 11:00*	*03/07/21 00:22*	*1*
o-Terphenyl	*94*		*70 - 135*	*03/06/21 11:00*	*03/07/21 00:22*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 21:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 21:29	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/11/21 14:45	03/11/21 21:29	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 21:29	1
Toluene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 21:29	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 21:29	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*99*		*70 - 130*	*03/11/21 14:45*	*03/11/21 21:29*	*1*
4-Bromofluorobenzene	*100*		*70 - 130*	*03/11/21 14:45*	*03/11/21 21:29*	*1*

Client Sample ID: BH-85 (1')

Date Collected: 03/03/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-26

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.5		4.99		mg/kg		03/08/21 12:15	03/08/21 13:40	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 00:43	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 00:43	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 00:43	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 135*	*03/06/21 11:00*	*03/07/21 00:43*	*1*
o-Terphenyl	*98*		*70 - 135*	*03/06/21 11:00*	*03/07/21 00:43*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/11/21 21:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/11/21 21:50	1
m,p-Xylenes	<0.00404	U	0.00404		mg/kg		03/11/21 14:45	03/11/21 21:50	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/11/21 21:50	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-274-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Client Sample ID: BH-85 (1') Lab Sample ID: 890-274-26
Date Collected: 03/03/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/11/21 21:50	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/11/21 21:50	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/11/21 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*102*		*70 - 130*	*03/11/21 14:45*	*03/11/21 21:50*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*	*03/11/21 14:45*	*03/11/21 21:50*	*1*

Client Sample ID: BH-86 (1') Lab Sample ID: 890-274-27
Date Collected: 03/04/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.7**		4.98		mg/kg		03/08/21 12:15	03/08/21 13:46	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 01:04	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 01:04	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 01:04	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 135*	*03/06/21 11:00*	*03/07/21 01:04*	*1*
o-Terphenyl	*94*		*70 - 135*	*03/06/21 11:00*	*03/07/21 01:04*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 22:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 22:10	1
m,p-Xylenes	<0.00400	U	0.00400		mg/kg		03/11/21 14:45	03/11/21 22:10	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 22:10	1
Toluene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 22:10	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 22:10	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*104*		*70 - 130*	*03/11/21 14:45*	*03/11/21 22:10*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*	*03/11/21 14:45*	*03/11/21 22:10*	*1*

Client Sample ID: BH-87 (1') Lab Sample ID: 890-274-28
Date Collected: 03/04/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.7**		5.03		mg/kg		03/08/21 12:15	03/08/21 13:52	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 01:25	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-87 (1')

Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-28

Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 01:25	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 01:25	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 135*	*03/06/21 11:00*	*03/07/21 01:25*	*1*
o-Terphenyl	*100*		*70 - 135*	*03/06/21 11:00*	*03/07/21 01:25*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 22:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 22:31	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/11/21 14:45	03/11/21 22:31	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 22:31	1
Toluene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 22:31	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 22:31	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*103*		*70 - 130*	*03/11/21 14:45*	*03/11/21 22:31*	*1*
4-Bromofluorobenzene	*110*		*70 - 130*	*03/11/21 14:45*	*03/11/21 22:31*	*1*

Client Sample ID: BH-88 (1')

Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-29

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.4**		4.95		mg/kg		03/08/21 12:15	03/08/21 13:58	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 01:46	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 01:46	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 01:46	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 135*	*03/06/21 11:00*	*03/07/21 01:46*	*1*
o-Terphenyl	*91*		*70 - 135*	*03/06/21 11:00*	*03/07/21 01:46*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 22:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 22:51	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/11/21 14:45	03/11/21 22:51	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 22:51	1
Toluene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 22:51	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 22:51	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 22:51	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-88 (1')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-29
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130	03/11/21 14:45	03/11/21 22:51	1
4-Bromofluorobenzene	111		70 - 130	03/11/21 14:45	03/11/21 22:51	1

Client Sample ID: BH-89 (1')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-30
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.5		4.98		mg/kg		03/08/21 12:15	03/08/21 14:15	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 02:07	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 02:07	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 02:07	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 02:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 135	03/06/21 11:00	03/07/21 02:07	1
o-Terphenyl	94		70 - 135	03/06/21 11:00	03/07/21 02:07	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 23:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 23:12	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/11/21 14:45	03/11/21 23:12	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 23:12	1
Toluene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 23:12	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 23:12	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/11/21 23:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	03/11/21 14:45	03/11/21 23:12	1
4-Bromofluorobenzene	110		70 - 130	03/11/21 14:45	03/11/21 23:12	1

Client Sample ID: BH-90 (1')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-31
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.1		5.05		mg/kg		03/08/21 12:15	03/08/21 14:21	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 02:49	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 02:49	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 02:49	1
Total TPH	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 02:49	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-90 (1')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-31
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 135*	*03/06/21 11:00*	*03/07/21 02:49*	*1*
o-Terphenyl	*96*		*70 - 135*	*03/06/21 11:00*	*03/07/21 02:49*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/11/21 23:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/11/21 23:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/11/21 14:45	03/11/21 23:32	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/11/21 23:32	1
Toluene	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/11/21 23:32	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/11/21 23:32	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/11/21 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*104*		*70 - 130*	*03/11/21 14:45*	*03/11/21 23:32*	*1*
4-Bromofluorobenzene	*109*		*70 - 130*	*03/11/21 14:45*	*03/11/21 23:32*	*1*

Client Sample ID: BH-91 (1')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-32
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.1**		5.05		mg/kg		03/08/21 12:15	03/08/21 14:38	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 03:10	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 03:10	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 03:10	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 135*	*03/06/21 11:00*	*03/07/21 03:10*	*1*
o-Terphenyl	*95*		*70 - 135*	*03/06/21 11:00*	*03/07/21 03:10*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 23:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 23:52	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/11/21 14:45	03/11/21 23:52	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 23:52	1
Toluene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 23:52	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 23:52	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/11/21 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*103*		*70 - 130*	*03/11/21 14:45*	*03/11/21 23:52*	*1*
4-Bromofluorobenzene	*110*		*70 - 130*	*03/11/21 14:45*	*03/11/21 23:52*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-92 (1')

Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-33
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.1		4.95		mg/kg		03/08/21 12:15	03/08/21 14:44	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 03:31	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 03:31	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 03:31	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 03:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 135*	*03/06/21 11:00*	*03/07/21 03:31*	*1*
o-Terphenyl	*98*		*70 - 135*	*03/06/21 11:00*	*03/07/21 03:31*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/11/21 14:45	03/12/21 00:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/11/21 14:45	03/12/21 00:13	1
m,p-Xylenes	<0.00397	U	0.00397		mg/kg		03/11/21 14:45	03/12/21 00:13	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/11/21 14:45	03/12/21 00:13	1
Toluene	<0.00198	U	0.00198		mg/kg		03/11/21 14:45	03/12/21 00:13	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/11/21 14:45	03/12/21 00:13	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/11/21 14:45	03/12/21 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*103*		*70 - 130*	*03/11/21 14:45*	*03/12/21 00:13*	*1*
4-Bromofluorobenzene	*108*		*70 - 130*	*03/11/21 14:45*	*03/12/21 00:13*	*1*

Client Sample ID: BH-93 (1')

Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-34
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.6		5.04		mg/kg		03/08/21 12:15	03/08/21 14:50	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 03:52	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 03:52	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 03:52	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 03:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 135*	*03/06/21 11:00*	*03/07/21 03:52*	*1*
o-Terphenyl	*96*		*70 - 135*	*03/06/21 11:00*	*03/07/21 03:52*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 00:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 00:33	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/11/21 14:45	03/12/21 00:33	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 00:33	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-274-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Client Sample ID: BH-93 (1') Lab Sample ID: 890-274-34
Date Collected: 03/04/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 00:33	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 00:33	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*103*		*70 - 130*	*03/11/21 14:45*	*03/12/21 00:33*	*1*
4-Bromofluorobenzene	*109*		*70 - 130*	*03/11/21 14:45*	*03/12/21 00:33*	*1*

Client Sample ID: BH-94 (1') Lab Sample ID: 890-274-35
Date Collected: 03/04/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73.4**		4.99		mg/kg		03/08/21 12:15	03/08/21 14:55	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 04:13	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 04:13	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 04:13	1
Total TPH	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 135*	*03/06/21 11:00*	*03/07/21 04:13*	*1*
o-Terphenyl	*97*		*70 - 135*	*03/06/21 11:00*	*03/07/21 04:13*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/12/21 02:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/12/21 02:23	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/11/21 14:45	03/12/21 02:23	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/12/21 02:23	1
Toluene	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/12/21 02:23	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/12/21 02:23	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/12/21 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*102*		*70 - 130*	*03/11/21 14:45*	*03/12/21 02:23*	*1*
4-Bromofluorobenzene	*102*		*70 - 130*	*03/11/21 14:45*	*03/12/21 02:23*	*1*

Client Sample ID: BH-95 (1') Lab Sample ID: 890-274-36
Date Collected: 03/04/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56.2**		4.97		mg/kg		03/08/21 12:15	03/08/21 15:01	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 04:33	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-95 (1')

Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-36

Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 04:33	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 04:33	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 135*	*03/06/21 11:00*	*03/07/21 04:33*	*1*
o-Terphenyl	*101*		*70 - 135*	*03/06/21 11:00*	*03/07/21 04:33*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 02:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 02:43	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/11/21 14:45	03/12/21 02:43	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 02:43	1
Toluene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 02:43	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 02:43	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 02:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*104*		*70 - 130*	*03/11/21 14:45*	*03/12/21 02:43*	*1*
4-Bromofluorobenzene	*108*		*70 - 130*	*03/11/21 14:45*	*03/12/21 02:43*	*1*

Client Sample ID: BH-96 (1')

Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-37

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.6**		5.03		mg/kg		03/08/21 12:15	03/08/21 15:07	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 04:54	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 04:54	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 04:54	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 135*	*03/06/21 11:00*	*03/07/21 04:54*	*1*
o-Terphenyl	*95*		*70 - 135*	*03/06/21 11:00*	*03/07/21 04:54*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 03:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 03:04	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/11/21 14:45	03/12/21 03:04	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 03:04	1
Toluene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 03:04	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 03:04	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 03:04	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-96 (1')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-37
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	106		70 - 130	03/11/21 14:45	03/12/21 03:04	1
4-Bromofluorobenzene	109		70 - 130	03/11/21 14:45	03/12/21 03:04	1

Client Sample ID: BH-97 (1')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-38
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.6		5.03		mg/kg		03/08/21 12:15	03/08/21 15:13	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 05:15	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 05:15	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 05:15	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 05:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 135	03/06/21 11:00	03/07/21 05:15	1
o-Terphenyl	96		70 - 135	03/06/21 11:00	03/07/21 05:15	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/12/21 03:24	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/12/21 03:24	1
m,p-Xylenes	<0.00404	U	0.00404		mg/kg		03/11/21 14:45	03/12/21 03:24	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/12/21 03:24	1
Toluene	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/12/21 03:24	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/12/21 03:24	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/12/21 03:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	03/11/21 14:45	03/12/21 03:24	1
4-Bromofluorobenzene	110		70 - 130	03/11/21 14:45	03/12/21 03:24	1

Client Sample ID: BH-98 (1')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-39
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.4		5.05		mg/kg		03/08/21 13:10	03/08/21 15:54	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 05:36	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 05:36	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 05:36	1
Total TPH	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 05:36	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-98 (1')

Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-39

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 135	03/06/21 11:00	03/07/21 05:36	1
o-Terphenyl	92		70 - 135	03/06/21 11:00	03/07/21 05:36	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/12/21 03:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/12/21 03:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/11/21 14:45	03/12/21 03:44	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/12/21 03:44	1
Toluene	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/12/21 03:44	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/12/21 03:44	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/11/21 14:45	03/12/21 03:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130	03/11/21 14:45	03/12/21 03:44	1
4-Bromofluorobenzene	109		70 - 130	03/11/21 14:45	03/12/21 03:44	1

Client Sample ID: BH-99 (1')

Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-40

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.6		4.98		mg/kg		03/08/21 13:10	03/08/21 16:12	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 05:57	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 05:57	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 05:57	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 05:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 135	03/06/21 11:00	03/07/21 05:57	1
o-Terphenyl	93		70 - 135	03/06/21 11:00	03/07/21 05:57	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 04:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 04:05	1
m,p-Xylenes	<0.00400	U	0.00400		mg/kg		03/11/21 14:45	03/12/21 04:05	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 04:05	1
Toluene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 04:05	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 04:05	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 04:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	03/11/21 14:45	03/12/21 04:05	1
4-Bromofluorobenzene	107		70 - 130	03/11/21 14:45	03/12/21 04:05	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-100 (1')

Lab Sample ID: 890-274-41
Matrix: Solid
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.9		4.96		mg/kg		03/08/21 13:10	03/08/21 16:17	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 02:49	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 02:49	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 02:49	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 135*	*03/06/21 11:00*	*03/07/21 02:49*	*1*
o-Terphenyl	*97*		*70 - 135*	*03/06/21 11:00*	*03/07/21 02:49*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/12/21 04:25	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/12/21 04:25	1
m,p-Xylenes	<0.00404	U	0.00404		mg/kg		03/11/21 14:45	03/12/21 04:25	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/12/21 04:25	1
Toluene	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/12/21 04:25	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/12/21 04:25	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/11/21 14:45	03/12/21 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*103*		*70 - 130*	*03/11/21 14:45*	*03/12/21 04:25*	*1*
4-Bromofluorobenzene	*109*		*70 - 130*	*03/11/21 14:45*	*03/12/21 04:25*	*1*

Client Sample ID: BH-101 (1')

Lab Sample ID: 890-274-42
Matrix: Solid
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.1		4.96		mg/kg		03/08/21 13:10	03/08/21 16:23	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 03:10	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 03:10	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 03:10	1
Total TPH	<49.9	U	49.9		mg/kg		03/06/21 11:00	03/07/21 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 135*	*03/06/21 11:00*	*03/07/21 03:10*	*1*
o-Terphenyl	*83*		*70 - 135*	*03/06/21 11:00*	*03/07/21 03:10*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 04:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 04:46	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/11/21 14:45	03/12/21 04:46	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 04:46	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-274-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

Client Sample ID: BH-101 (1') Lab Sample ID: 890-274-42
Date Collected: 03/04/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 04:46	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 04:46	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/11/21 14:45	03/12/21 04:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*105*		*70 - 130*	*03/11/21 14:45*	*03/12/21 04:46*	*1*
4-Bromofluorobenzene	*109*		*70 - 130*	*03/11/21 14:45*	*03/12/21 04:46*	*1*

Client Sample ID: BH-102 (1') Lab Sample ID: 890-274-43
Date Collected: 03/04/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65.3**		5.00		mg/kg		03/08/21 13:10	03/08/21 16:29	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 03:31	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 03:31	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 03:31	1
Total TPH	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 03:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 135*	*03/06/21 11:00*	*03/07/21 03:31*	*1*
o-Terphenyl	*87*		*70 - 135*	*03/06/21 11:00*	*03/07/21 03:31*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 05:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 05:06	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/11/21 14:45	03/12/21 05:06	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 05:06	1
Toluene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 05:06	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 05:06	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*103*		*70 - 130*	*03/11/21 14:45*	*03/12/21 05:06*	*1*
4-Bromofluorobenzene	*108*		*70 - 130*	*03/11/21 14:45*	*03/12/21 05:06*	*1*

Client Sample ID: BH-103 (1') Lab Sample ID: 890-274-44
Date Collected: 03/04/21 00:00 **Matrix: Solid**
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.9**		5.02		mg/kg		03/08/21 13:10	03/08/21 16:46	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 03:52	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-103 (1')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-44
Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 03:52	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 03:52	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 03:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 135*	*03/06/21 11:00*	*03/07/21 03:52*	*1*
o-Terphenyl	*86*		*70 - 135*	*03/06/21 11:00*	*03/07/21 03:52*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 05:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 05:27	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/11/21 14:45	03/12/21 05:27	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 05:27	1
Toluene	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 05:27	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 05:27	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/11/21 14:45	03/12/21 05:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*104*		*70 - 130*	*03/11/21 14:45*	*03/12/21 05:27*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*	*03/11/21 14:45*	*03/12/21 05:27*	*1*

Client Sample ID: BH-104 (1')
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Lab Sample ID: 890-274-45
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.8**		4.97		mg/kg		03/08/21 13:10	03/08/21 16:52	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 04:13	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 04:13	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 04:13	1
Total TPH	<49.8	U	49.8		mg/kg		03/06/21 11:00	03/07/21 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 135*	*03/06/21 11:00*	*03/07/21 04:13*	*1*
o-Terphenyl	*86*		*70 - 135*	*03/06/21 11:00*	*03/07/21 04:13*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00252**		0.00200		mg/kg		03/11/21 17:00	03/12/21 22:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:31	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/11/21 17:00	03/12/21 22:31	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:31	1
Toluene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:31	1
Total BTEX	**0.00252**		0.00200		mg/kg		03/11/21 17:00	03/12/21 22:31	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:31	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Client Sample ID: BH-104 (1')

Lab Sample ID: 890-274-45
Matrix: Solid
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	110		70 - 130	03/11/21 17:00	03/12/21 22:31	1
4-Bromofluorobenzene	76		70 - 130	03/11/21 17:00	03/12/21 22:31	1

Client Sample ID: BH-105 (1')

Lab Sample ID: 890-274-46
Matrix: Solid
Date Collected: 03/04/21 00:00
Date Received: 03/05/21 08:20

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.0		5.04		mg/kg		03/08/21 13:10	03/08/21 16:58	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 04:33	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 04:33	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 04:33	1
Total TPH	<50.0	U	50.0		mg/kg		03/06/21 11:00	03/07/21 04:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 135	03/06/21 11:00	03/07/21 04:33	1
o-Terphenyl	90		70 - 135	03/06/21 11:00	03/07/21 04:33	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:58	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/11/21 17:00	03/12/21 22:58	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:58	1
Toluene	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:58	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:58	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/11/21 17:00	03/12/21 22:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	113		70 - 130	03/11/21 17:00	03/12/21 22:58	1
4-Bromofluorobenzene	86		70 - 130	03/11/21 17:00	03/12/21 22:58	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO (70-135)	OTPH (70-135)
890-274-1	BH-60 (0,5')	87	95
890-274-2	BH-61 (0.5')	87	97
890-274-3	BH-62 (0.5')	86	92
890-274-4	BH-63 (4')	87	94
890-274-5	BH-64 (4')	87	91
890-274-6	BH-65 (4')	87	94
890-274-7	BH-66 (3')	88	95
890-274-8	BH-67 (3')	88	96
890-274-9	BH-68 (1')	84	89
890-274-10	BH-69 (1')	87	93
890-274-11	BH-70 (1')	92	97
890-274-12	BH-71 (1')	87	93
890-274-13	BH-72 (1')	89	94
890-274-14	BH-73 (1')	86	92
890-274-15	BH-74 (1')	87	92
890-274-16	BH-75 (1')	93	100
890-274-17	BH-76 (1')	89	93
890-274-18	BH-77 (1')	88	93
890-274-19	BH-78 (1')	89	93
890-274-20	BH-79 (1')	89	93
890-274-21	BH-80 (1')	86	88
890-274-22	BH-81 (1')	90	98
890-274-23	BH-82 (1')	93	101
890-274-24	BH-83 (1')	90	96
890-274-25	BH-84 (1')	88	94
890-274-26	BH-85 (1')	90	98
890-274-27	BH-86 (1')	89	94
890-274-28	BH-87 (1')	95	100
890-274-29	BH-88 (1')	82	91
890-274-30	BH-89 (1')	88	94
890-274-31	BH-90 (1')	88	96
890-274-32	BH-91 (1')	89	95
890-274-33	BH-92 (1')	91	98
890-274-34	BH-93 (1')	90	96
890-274-35	BH-94 (1')	89	97
890-274-36	BH-95 (1')	92	101
890-274-37	BH-96 (1')	90	95
890-274-38	BH-97 (1')	88	96
890-274-39	BH-98 (1')	85	92
890-274-40	BH-99 (1')	88	93
890-274-41	BH-100 (1')	97	97
890-274-42	BH-101 (1')	83	83
890-274-43	BH-102 (1')	86	87
890-274-44	BH-103 (1')	85	86
890-274-45	BH-104 (1')	85	86
890-274-46	BH-105 (1')	88	90

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Method: 8021B - BTEX - 8021B - BTEX

Matrix: SOIL **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB (70-130)
7723038-1-BKS	Lab Control Sample	105
7723038-1-BLK	Method Blank	65 **
7723038-1-BSD	Lab Control Sample Dup	90

Surrogate Legend
BFB = 4-Bromofluorobenzene

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Matrix: SOIL **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB (70-130)
690577-025 S	Matrix Spike	102
690577-025 SD	Matrix Spike Duplicate	99
7722979-1-BKS	Lab Control Sample	104
7722979-1-BLK	Method Blank	93
7722979-1-BSD	Lab Control Sample Dup	101
7723094-1-BKS	Lab Control Sample	107
7723094-1-BLK	Method Blank	91
7723094-1-BSD	Lab Control Sample Dup	103
7723097-1-BKS	Lab Control Sample	97
7723097-1-BLK	Method Blank	101
7723097-1-BSD	Lab Control Sample Dup	96
7723142-1-BKS	Lab Control Sample	87
7723142-1-BLK	Method Blank	60 **
7723142-1-BSD	Lab Control Sample Dup	101

Surrogate Legend
BFB = 4-Bromofluorobenzene

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB (70-130)	DFBZ (70-130)
890-274-1	BH-60 (0,5')	121	109
890-274-2	BH-61 (0.5')	88	101
890-274-3	BH-62 (0.5')	91	111
890-274-4	BH-63 (4')	80	89
890-274-5	BH-64 (4')	104	109
890-274-6	BH-65 (4')	106	107
890-274-7	BH-66 (3')	97	107
890-274-8	BH-67 (3')	104	108
890-274-9	BH-68 (1')	97	109
890-274-10	BH-69 (1')	103	111
890-274-11	BH-70 (1')	94	94
890-274-12	BH-71 (1')	99	94
890-274-13	BH-72 (1')	96	91
890-274-14	BH-73 (1')	98	93

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-274-1
Project/Site: Fox 30 State Com SDG: 212C-MD-02339

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB (70-130)	DFBZ (70-130)
890-274-15	BH-74 (1')	94	93
890-274-16	BH-75 (1')	92	102
890-274-17	BH-76 (1')	89	101
890-274-18	BH-77 (1')	103	111
890-274-19	BH-78 (1')	104	111
890-274-20	BH-79 (1')	100	107
890-274-21	BH-80 (1')	102	110
890-274-22	BH-81 (1')	105	100
890-274-23	BH-82 (1')	127	108
890-274-24	BH-83 (1')	78	119
890-274-25	BH-84 (1')	100	99
890-274-26	BH-85 (1')	106	102
890-274-27	BH-86 (1')	106	104
890-274-28	BH-87 (1')	110	103
890-274-29	BH-88 (1')	111	105
890-274-30	BH-89 (1')	110	104
890-274-31	BH-90 (1')	109	104
890-274-32	BH-91 (1')	110	103
890-274-33	BH-92 (1')	108	103
890-274-34	BH-93 (1')	109	103
890-274-35	BH-94 (1')	102	102
890-274-36	BH-95 (1')	108	104
890-274-37	BH-96 (1')	109	106
890-274-38	BH-97 (1')	110	104
890-274-39	BH-98 (1')	109	105
890-274-40	BH-99 (1')	107	103
890-274-41	BH-100 (1')	109	103
890-274-42	BH-101 (1')	109	105
890-274-43	BH-102 (1')	108	103
890-274-44	BH-103 (1')	106	104
890-274-45	BH-104 (1')	76	110
890-274-46	BH-105 (1')	86	113

Surrogate Legend

BFB = 4-Bromofluorobenzene
DFBZ = 1,4-Difluorobenzene

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 7722688-1-BLK
Matrix: SOIL
Analysis Batch: 3152768

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152768_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/06/21 16:00	03/06/21 19:57	1

Lab Sample ID: 7722688-1-BKS
Matrix: SOIL
Analysis Batch: 3152768

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152768_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	257		mg/kg		103	80 - 120

Lab Sample ID: 7722688-1-BSD
Matrix: SOIL
Analysis Batch: 3152768

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152768_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	257		mg/kg		103	80 - 120	0	20

Lab Sample ID: 7722690-1-BLK
Matrix: SOIL
Analysis Batch: 3152792

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152792_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/07/21 16:10	03/07/21 17:27	1

Lab Sample ID: 7722690-1-BKS
Matrix: SOIL
Analysis Batch: 3152792

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152792_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	255		mg/kg		102	80 - 120

Lab Sample ID: 7722690-1-BSD
Matrix: SOIL
Analysis Batch: 3152792

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152792_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	254		mg/kg		102	80 - 120	0	20

Lab Sample ID: 7722742-1-BLK
Matrix: SOIL
Analysis Batch: 3152919

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152919_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/08/21 11:55	03/08/21 13:49	1

Lab Sample ID: 7722742-1-BKS
Matrix: SOIL
Analysis Batch: 3152919

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152919_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	253		mg/kg		101	80 - 120

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 7722742-1-BSD
Matrix: SOIL
Analysis Batch: 3152919

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152919_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	253		mg/kg		101	80 - 120	0	20

Lab Sample ID: 7722743-1-BLK
Matrix: SOIL
Analysis Batch: 3152920

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152920_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/08/21 12:15	03/08/21 12:19	1

Lab Sample ID: 7722743-1-BKS
Matrix: SOIL
Analysis Batch: 3152920

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152920_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	260		mg/kg		104	80 - 120		

Lab Sample ID: 7722743-1-BSD
Matrix: SOIL
Analysis Batch: 3152920

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152920_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	259		mg/kg		104	80 - 120	0	20

Lab Sample ID: 690577-019 S
Matrix: SOIL
Analysis Batch: 3152920

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152920_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	64.8		250	331		mg/kg		106	80 - 120		

Lab Sample ID: 690577-019 SD
Matrix: SOIL
Analysis Batch: 3152920

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152920_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	64.8		250	327		mg/kg		105	80 - 120	1	20

Lab Sample ID: 690577-029 S
Matrix: SOIL
Analysis Batch: 3152920

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152920_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	35.4		248	297		mg/kg		105	80 - 120		

Lab Sample ID: 690577-029 SD
Matrix: SOIL
Analysis Batch: 3152920

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152920_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	35.4		248	297		mg/kg		105	80 - 120	0	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 7722792-1-BLK
Matrix: SOIL
Analysis Batch: 3152923

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152923_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/08/21 13:10	03/08/21 15:33	1

Lab Sample ID: 7722792-1-BKS
Matrix: SOIL
Analysis Batch: 3152923

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152923_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	264		mg/kg		106	80 - 120

Lab Sample ID: 7722792-1-BSD
Matrix: SOIL
Analysis Batch: 3152923

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152923_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	264		mg/kg		106	80 - 120	0	20

Lab Sample ID: 690577-039 S
Matrix: SOIL
Analysis Batch: 3152923

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152923_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	35.4		253	303		mg/kg		106	80 - 120

Lab Sample ID: 690577-039 SD
Matrix: SOIL
Analysis Batch: 3152923

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152923_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	35.4		253	310		mg/kg		109	80 - 120	2	20

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Lab Sample ID: 7722752-1-BLK
Matrix: SOIL
Analysis Batch: 3152849

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152849_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		03/06/21 10:00	03/06/21 11:44	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		03/06/21 10:00	03/06/21 11:44	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		03/06/21 10:00	03/06/21 11:44	1

Lab Sample ID: 7722752-1-BKS
Matrix: SOIL
Analysis Batch: 3152849

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152849_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	1000	1060		mg/kg		106	70 - 135
Gasoline Range Hydrocarbons (GRO)	1000	1060		mg/kg		106	70 - 135

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Lab Sample ID: 7722752-1-BSD — **Client Sample ID: Lab Control Sample Dup**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152849 — **Prep Batch: 3152849_P**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)			1000	1100		mg/kg		110	70 - 135	4	20
Gasoline Range Hydrocarbons (GRO)			1000	1100		mg/kg		110	70 - 135	4	20

Lab Sample ID: 690577-001 S — **Client Sample ID: Matrix Spike**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152849 — **Prep Batch: 3152849_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	<50		997	1050		mg/kg		105	70 - 135
Gasoline Range Hydrocarbons (GRO)	<50		997	1040		mg/kg		104	70 - 135

Lab Sample ID: 690577-001 SD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152849 — **Prep Batch: 3152849_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	<50		999	1080		mg/kg		108	70 - 135	3	20
Gasoline Range Hydrocarbons (GRO)	<50		999	1070		mg/kg		107	70 - 135	3	20

Lab Sample ID: 7722753-1-BLK — **Client Sample ID: Method Blank**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152850 — **Prep Batch: 3152850_P**

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		03/06/21 11:00	03/06/21 21:13	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		03/06/21 11:00	03/06/21 21:13	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		03/06/21 11:00	03/06/21 21:13	1

Lab Sample ID: 7722753-1-BKS — **Client Sample ID: Lab Control Sample**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152850 — **Prep Batch: 3152850_P**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)			1000	1160		mg/kg		116	70 - 135
Gasoline Range Hydrocarbons (GRO)			1000	1130		mg/kg		113	70 - 135

Lab Sample ID: 7722753-1-BSD — **Client Sample ID: Lab Control Sample Dup**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3152850 — **Prep Batch: 3152850_P**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)			1000	1120		mg/kg		112	70 - 135	4	20
Gasoline Range Hydrocarbons (GRO)			1000	1110		mg/kg		111	70 - 135	2	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Lab Sample ID: 690577-021 S
Matrix: SOIL
Analysis Batch: 3152850

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3152850_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	<49.9		998	1020		mg/kg		102	70 - 135
Gasoline Range Hydrocarbons (GRO)	<49.9		998	1030		mg/kg		103	70 - 135

Lab Sample ID: 690577-021 SD
Matrix: SOIL
Analysis Batch: 3152850

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3152850_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	<49.9		997	974		mg/kg		98	70 - 135	5	20
Gasoline Range Hydrocarbons (GRO)	<49.9		997	998		mg/kg		100	70 - 135	3	20

Lab Sample ID: 7722756-1-BLK
Matrix: SOIL
Analysis Batch: 3152852

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3152852_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		03/06/21 11:00	03/06/21 21:13	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		03/06/21 11:00	03/06/21 21:13	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		03/06/21 11:00	03/06/21 21:13	1

Lab Sample ID: 7722756-1-BKS
Matrix: SOIL
Analysis Batch: 3152852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3152852_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	1000	977		mg/kg		98	70 - 135
Gasoline Range Hydrocarbons (GRO)	1000	1010		mg/kg		101	70 - 135

Lab Sample ID: 7722756-1-BSD
Matrix: SOIL
Analysis Batch: 3152852

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3152852_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	1000	987		mg/kg		99	70 - 135	1	20
Gasoline Range Hydrocarbons (GRO)	1000	1030		mg/kg		103	70 - 135	2	20

Method: 8021B - BTEX - 8021B - BTEX

Lab Sample ID: 7723038-1-BLK
Matrix: SOIL
Analysis Batch: 3153278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153278_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/10/21 13:30	03/11/21 10:30	1
Ethylbenzene	<.002	U	.002		mg/kg		03/10/21 13:30	03/11/21 10:30	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/10/21 13:30	03/11/21 10:30	1
o-Xylene	<.002	U	.002		mg/kg		03/10/21 13:30	03/11/21 10:30	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Method: 8021B - BTEX - 8021B - BTEX (Continued)

Lab Sample ID: 7723038-1-BLK
Matrix: SOIL
Analysis Batch: 3153278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153278_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<.002	U	.002		mg/kg		03/10/21 13:30	03/11/21 10:30	1

Surrogate	*BLANK %Recovery*	*BLANK Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*65*	**	*70 - 130*	*03/10/21 13:30*	*03/11/21 10:30*	*1*

Lab Sample ID: 7723038-1-BKS
Matrix: SOIL
Analysis Batch: 3153278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153278_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			.1	0.0988		mg/kg		99	70 - 130		
Ethylbenzene			.1	0.0947		mg/kg		95	71 - 129		
m,p-Xylenes			.2	0.197		mg/kg		99	70 - 135		
o-Xylene			.1	0.0983		mg/kg		98	71 - 133		
Toluene			.1	0.0983		mg/kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*

Lab Sample ID: 7723038-1-BSD
Matrix: SOIL
Analysis Batch: 3153278

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153278_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			.1	0.0787		mg/kg		79	70 - 130	23	35
Ethylbenzene			.1	0.0770		mg/kg		77	71 - 129	21	35
m,p-Xylenes			.2	0.160		mg/kg		80	70 - 135	21	35
o-Xylene			.1	0.0797		mg/kg		80	71 - 133	21	35
Toluene			.1	0.0795		mg/kg		80	70 - 130	21	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*90*		*70 - 130*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Lab Sample ID: 7722979-1-BLK
Matrix: SOIL
Analysis Batch: 3153398

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153398_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/10/21 12:00	03/11/21 15:55	1
Ethylbenzene	<.002	U	.002		mg/kg		03/10/21 12:00	03/11/21 15:55	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/10/21 12:00	03/11/21 15:55	1
o-Xylene	<.002	U	.002		mg/kg		03/10/21 12:00	03/11/21 15:55	1
Toluene	<.002	U	.002		mg/kg		03/10/21 12:00	03/11/21 15:55	1

Surrogate	*BLANK %Recovery*	*BLANK Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*	*03/10/21 12:00*	*03/11/21 15:55*	*1*

Eurofins Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Lab Sample ID: 7722979-1-BKS
Matrix: SOIL
Analysis Batch: 3153398

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153398_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			.1	0.0980		mg/kg		98	70 - 130		
Ethylbenzene			.1	0.0908		mg/kg		91	71 - 129		
m,p-Xylenes			.2	0.188		mg/kg		94	70 - 135		
o-Xylene			.1	0.0966		mg/kg		97	71 - 133		
Toluene			.1	0.0915		mg/kg		92	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*

Lab Sample ID: 7722979-1-BSD
Matrix: SOIL
Analysis Batch: 3153398

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153398_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			.1	0.0974		mg/kg		97	70 - 130	1	35
Ethylbenzene			.1	0.0887		mg/kg		89	71 - 129	2	35
m,p-Xylenes			.2	0.181		mg/kg		91	70 - 135	4	35
o-Xylene			.1	0.0934		mg/kg		93	71 - 133	3	35
Toluene			.1	0.0895		mg/kg		90	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*

Lab Sample ID: 7723094-1-BLK
Matrix: SOIL
Analysis Batch: 3153401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153401_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/11/21 14:00	03/12/21 02:46	1
Ethylbenzene	<.002	U	.002		mg/kg		03/11/21 14:00	03/12/21 02:46	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/11/21 14:00	03/12/21 02:46	1
o-Xylene	<.002	U	.002		mg/kg		03/11/21 14:00	03/12/21 02:46	1
Toluene	<.002	U	.002		mg/kg		03/11/21 14:00	03/12/21 02:46	1

Surrogate	*BLANK %Recovery*	*BLANK Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 130*	*03/11/21 14:00*	*03/12/21 02:46*	*1*

Lab Sample ID: 7723094-1-BKS
Matrix: SOIL
Analysis Batch: 3153401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153401_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			.1	0.0978		mg/kg		98	70 - 130		
Ethylbenzene			.1	0.0967		mg/kg		97	71 - 129		
m,p-Xylenes			.2	0.200		mg/kg		100	70 - 135		
o-Xylene			.1	0.104		mg/kg		104	71 - 133		
Toluene			.1	0.0936		mg/kg		94	70 - 130		

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

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

Lab Sample ID: 7723094-1-BKS
Matrix: SOIL
Analysis Batch: 3153401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153401_P

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	107		70 - 130

Lab Sample ID: 7723094-1-BSD
Matrix: SOIL
Analysis Batch: 3153401

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153401_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			.1	0.0940		mg/kg		94	70 - 130	4	35
Ethylbenzene			.1	0.0891		mg/kg		89	71 - 129	8	35
m,p-Xylenes			.2	0.182		mg/kg		91	70 - 135	9	35
o-Xylene			.1	0.0948		mg/kg		95	71 - 133	9	35
Toluene			.1	0.0883		mg/kg		88	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	103		70 - 130

Lab Sample ID: 7723097-1-BLK
Matrix: SOIL
Analysis Batch: 3153405

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153405_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/11/21 14:45	03/11/21 21:01	1
Ethylbenzene	<.002	U	.002		mg/kg		03/11/21 14:45	03/11/21 21:01	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/11/21 14:45	03/11/21 21:01	1
o-Xylene	<.002	U	.002		mg/kg		03/11/21 14:45	03/11/21 21:01	1
Toluene	<.002	U	.002		mg/kg		03/11/21 14:45	03/11/21 21:01	1

Surrogate	BLANK %Recovery	BLANK Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130	03/11/21 14:45	03/11/21 21:01	1

Lab Sample ID: 7723097-1-BKS
Matrix: SOIL
Analysis Batch: 3153405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153405_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene			.1	0.105		mg/kg		105	70 - 130
Ethylbenzene			.1	0.104		mg/kg		104	71 - 129
m,p-Xylenes			.2	0.209		mg/kg		105	70 - 135
o-Xylene			.1	0.107		mg/kg		107	71 - 133
Toluene			.1	0.105		mg/kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	97		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

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

Lab Sample ID: 7723097-1-BSD
Matrix: SOIL
Analysis Batch: 3153405

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153405_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			.1	0.102		mg/kg		102	70 - 130	3	35
Ethylbenzene			.1	0.0986		mg/kg		99	71 - 129	5	35
m,p-Xylenes			.2	0.197		mg/kg		99	70 - 135	6	35
o-Xylene			.1	0.101		mg/kg		101	71 - 133	6	35
Toluene			.1	0.0992		mg/kg		99	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*

Lab Sample ID: 690577-025 S
Matrix: SOIL
Analysis Batch: 3153405

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3153405_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<.00202		.1	0.0990		mg/kg		99	70 - 130
Ethylbenzene	<.00202		.1	0.0962		mg/kg		96	71 - 129
m,p-Xylenes	<.00404		.2	0.192		mg/kg		96	70 - 135
o-Xylene	<.00202		.1	0.0987		mg/kg		99	71 - 133
Toluene	<.00202		.1	0.0973		mg/kg		97	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*

Lab Sample ID: 690577-025 SD
Matrix: SOIL
Analysis Batch: 3153405

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3153405_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<.00202		.101	0.0964		mg/kg		95	70 - 130	3	35
Ethylbenzene	<.00202		.101	0.0976		mg/kg		97	71 - 129	1	35
m,p-Xylenes	<.00404		.202	0.197		mg/kg		98	70 - 135	3	35
o-Xylene	<.00202		.101	0.0994		mg/kg		98	71 - 133	1	35
Toluene	<.00202		.101	0.0998		mg/kg		99	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*

Lab Sample ID: 7723142-1-BLK
Matrix: SOIL
Analysis Batch: 3153495

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153495_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/11/21 17:00	03/12/21 12:25	1
Ethylbenzene	<.002	U	.002		mg/kg		03/11/21 17:00	03/12/21 12:25	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/11/21 17:00	03/12/21 12:25	1
o-Xylene	<.002	U	.002		mg/kg		03/11/21 17:00	03/12/21 12:25	1
Toluene	<.002	U	.002		mg/kg		03/11/21 17:00	03/12/21 12:25	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

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

Lab Sample ID: 7723142-1-BLK
Matrix: SOIL
Analysis Batch: 3153495

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153495_P

Surrogate	BLANK %Recovery	BLANK Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	60	**	70 - 130	03/11/21 17:00	03/12/21 12:25	1

Lab Sample ID: 7723142-1-BKS
Matrix: SOIL
Analysis Batch: 3153495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153495_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	.1	0.0859		mg/kg		86	70 - 130
Ethylbenzene	.1	0.0830		mg/kg		83	71 - 129
m,p-Xylenes	.2	0.171		mg/kg		86	70 - 135
o-Xylene	.1	0.0848		mg/kg		85	71 - 133
Toluene	.1	0.0856		mg/kg		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	87		70 - 130

Lab Sample ID: 7723142-1-BSD
Matrix: SOIL
Analysis Batch: 3153495

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153495_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	.1	0.0822		mg/kg		82	70 - 130	4	35
Ethylbenzene	.1	0.0848		mg/kg		85	71 - 129	2	35
m,p-Xylenes	.2	0.174		mg/kg		87	70 - 135	2	35
o-Xylene	.1	0.0915		mg/kg		92	71 - 133	8	35
Toluene	.1	0.0861		mg/kg		86	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	101		70 - 130

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Subcontract

Analysis Batch: 3152768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-1	BH-60 (0,5')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-274-2	BH-61 (0.5')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-274-3	BH-62 (0.5')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-274-4	BH-63 (4')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-274-5	BH-64 (4')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-274-6	BH-65 (4')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-274-7	BH-66 (3')	Total/NA	Solid	300.0 - Chloride	3152768_P
890-274-8	BH-67 (3')	Total/NA	Solid	300.0 - Chloride	3152768_P
7722688-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152768_P
7722688-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152768_P
7722688-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152768_P

Analysis Batch: 3152792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-9	BH-68 (1')	Total/NA	Solid	300.0 - Chloride	3152792_P
890-274-10	BH-69 (1')	Total/NA	Solid	300.0 - Chloride	3152792_P
890-274-11	BH-70 (1')	Total/NA	Solid	300.0 - Chloride	3152792_P
7722690-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152792_P
7722690-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152792_P
7722690-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152792_P

Analysis Batch: 3152849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-1	BH-60 (0,5')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-2	BH-61 (0.5')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-3	BH-62 (0.5')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-4	BH-63 (4')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-5	BH-64 (4')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-6	BH-65 (4')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-7	BH-66 (3')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-8	BH-67 (3')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-9	BH-68 (1')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-10	BH-69 (1')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-11	BH-70 (1')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-12	BH-71 (1')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-13	BH-72 (1')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-14	BH-73 (1')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-15	BH-74 (1')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-16	BH-75 (1')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-17	BH-76 (1')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-18	BH-77 (1')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-19	BH-78 (1')	Total/NA	Solid	8015 NM - TPH	3152849_P
890-274-20	BH-79 (1')	Total/NA	Solid	8015 NM - TPH	3152849_P
7722752-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3152849_P
7722752-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3152849_P
7722752-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3152849_P
690577-001 S	Matrix Spike	Total/NA	SOIL	8015 NM - TPH	3152849_P
690577-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	8015 NM - TPH	3152849_P

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Subcontract

Analysis Batch: 3152850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-21	BH-80 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-22	BH-81 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-23	BH-82 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-24	BH-83 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-25	BH-84 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-26	BH-85 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-27	BH-86 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-28	BH-87 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-29	BH-88 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-30	BH-89 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-31	BH-90 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-32	BH-91 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-33	BH-92 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-34	BH-93 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-35	BH-94 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-36	BH-95 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-37	BH-96 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-38	BH-97 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-39	BH-98 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
890-274-40	BH-99 (1')	Total/NA	Solid	8015 NM - TPH	3152850_P
7722753-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3152850_P
7722753-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3152850_P
7722753-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3152850_P
690577-021 S	Matrix Spike	Total/NA	SOIL	8015 NM - TPH	3152850_P
690577-021 SD	Matrix Spike Duplicate	Total/NA	SOIL	8015 NM - TPH	3152850_P

Analysis Batch: 3152852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-41	BH-100 (1')	Total/NA	Solid	8015 NM - TPH	3152852_P
890-274-42	BH-101 (1')	Total/NA	Solid	8015 NM - TPH	3152852_P
890-274-43	BH-102 (1')	Total/NA	Solid	8015 NM - TPH	3152852_P
890-274-44	BH-103 (1')	Total/NA	Solid	8015 NM - TPH	3152852_P
890-274-45	BH-104 (1')	Total/NA	Solid	8015 NM - TPH	3152852_P
890-274-46	BH-105 (1')	Total/NA	Solid	8015 NM - TPH	3152852_P
7722756-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3152852_P
7722756-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3152852_P
7722756-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3152852_P

Analysis Batch: 3152919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-12	BH-71 (1')	Total/NA	Solid	300.0 - Chloride	3152919_P
890-274-13	BH-72 (1')	Total/NA	Solid	300.0 - Chloride	3152919_P
890-274-14	BH-73 (1')	Total/NA	Solid	300.0 - Chloride	3152919_P
890-274-15	BH-74 (1')	Total/NA	Solid	300.0 - Chloride	3152919_P
890-274-16	BH-75 (1')	Total/NA	Solid	300.0 - Chloride	3152919_P
890-274-17	BH-76 (1')	Total/NA	Solid	300.0 - Chloride	3152919_P
890-274-18	BH-77 (1')	Total/NA	Solid	300.0 - Chloride	3152919_P
7722742-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152919_P
7722742-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152919_P
7722742-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152919_P

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Subcontract

Analysis Batch: 3152920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-19	BH-78 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-20	BH-79 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-21	BH-80 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-22	BH-81 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-23	BH-82 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-24	BH-83 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-25	BH-84 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-26	BH-85 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-27	BH-86 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-28	BH-87 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-29	BH-88 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-30	BH-89 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-31	BH-90 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-32	BH-91 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-33	BH-92 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-34	BH-93 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-35	BH-94 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-36	BH-95 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-37	BH-96 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
890-274-38	BH-97 (1')	Total/NA	Solid	300.0 - Chloride	3152920_P
7722743-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152920_P
7722743-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152920_P
7722743-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152920_P
690577-019 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3152920_P
690577-019 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3152920_P
690577-029 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3152920_P
690577-029 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3152920_P

Analysis Batch: 3152923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-39	BH-98 (1')	Total/NA	Solid	300.0 - Chloride	3152923_P
890-274-40	BH-99 (1')	Total/NA	Solid	300.0 - Chloride	3152923_P
890-274-41	BH-100 (1')	Total/NA	Solid	300.0 - Chloride	3152923_P
890-274-42	BH-101 (1')	Total/NA	Solid	300.0 - Chloride	3152923_P
890-274-43	BH-102 (1')	Total/NA	Solid	300.0 - Chloride	3152923_P
890-274-44	BH-103 (1')	Total/NA	Solid	300.0 - Chloride	3152923_P
890-274-45	BH-104 (1')	Total/NA	Solid	300.0 - Chloride	3152923_P
890-274-46	BH-105 (1')	Total/NA	Solid	300.0 - Chloride	3152923_P
7722792-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3152923_P
7722792-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3152923_P
7722792-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3152923_P
690577-039 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3152923_P
690577-039 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3152923_P

Analysis Batch: 3153237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-1	BH-60 (0,5')	Total/NA	Solid	8021B - BTEX	3153237_P
890-274-2	BH-61 (0.5')	Total/NA	Solid	8021B - BTEX	3153237_P
890-274-3	BH-62 (0.5')	Total/NA	Solid	8021B - BTEX	3153237_P
890-274-4	BH-63 (4')	Total/NA	Solid	8021B - BTEX	3153237_P
890-274-5	BH-64 (4')	Total/NA	Solid	8021B - BTEX	3153237_P

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Subcontract (Continued)

Analysis Batch: 3153237 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-6	BH-65 (4')	Total/NA	Solid	8021B - BTEX	3153237_P
890-274-7	BH-66 (3')	Total/NA	Solid	8021B - BTEX	3153237_P
890-274-8	BH-67 (3')	Total/NA	Solid	8021B - BTEX	3153237_P
890-274-9	BH-68 (1')	Total/NA	Solid	8021B - BTEX	3153237_P
890-274-10	BH-69 (1')	Total/NA	Solid	8021B - BTEX	3153237_P

Analysis Batch: 3153278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
7723038-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3153278_P
7723038-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3153278_P
7723038-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3153278_P

Analysis Batch: 3153398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-11	BH-70 (1')	Total/NA	Solid	8021B - BTEX	3153398_P
890-274-12	BH-71 (1')	Total/NA	Solid	8021B - BTEX	3153398_P
890-274-13	BH-72 (1')	Total/NA	Solid	8021B - BTEX	3153398_P
890-274-14	BH-73 (1')	Total/NA	Solid	8021B - BTEX	3153398_P
890-274-15	BH-74 (1')	Total/NA	Solid	8021B - BTEX	3153398_P
7722979-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3153398_P
7722979-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3153398_P
7722979-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3153398_P

Analysis Batch: 3153401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-22	BH-81 (1')	Total/NA	Solid	8021B - BTEX	3153401_P
7723094-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3153401_P
7723094-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3153401_P
7723094-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3153401_P

Analysis Batch: 3153405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-25	BH-84 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-26	BH-85 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-27	BH-86 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-28	BH-87 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-29	BH-88 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-30	BH-89 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-31	BH-90 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-32	BH-91 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-33	BH-92 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-34	BH-93 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-35	BH-94 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-36	BH-95 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-37	BH-96 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-38	BH-97 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-39	BH-98 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-40	BH-99 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-41	BH-100 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-42	BH-101 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
890-274-43	BH-102 (1')	Total/NA	Solid	8021B - BTEX	3153405_P

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Subcontract (Continued)

Analysis Batch: 3153405 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-44	BH-103 (1')	Total/NA	Solid	8021B - BTEX	3153405_P
7723097-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3153405_P
7723097-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3153405_P
7723097-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3153405_P
690577-025 S	Matrix Spike	Total/NA	SOIL	8021B - BTEX	3153405_P
690577-025 SD	Matrix Spike Duplicate	Total/NA	SOIL	8021B - BTEX	3153405_P

Analysis Batch: 3153495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-16	BH-75 (1')	Total/NA	Solid	8021B - BTEX	3153495_P
890-274-17	BH-76 (1')	Total/NA	Solid	8021B - BTEX	3153495_P
890-274-18	BH-77 (1')	Total/NA	Solid	8021B - BTEX	3153495_P
890-274-19	BH-78 (1')	Total/NA	Solid	8021B - BTEX	3153495_P
890-274-20	BH-79 (1')	Total/NA	Solid	8021B - BTEX	3153495_P
890-274-21	BH-80 (1')	Total/NA	Solid	8021B - BTEX	3153495_P
890-274-23	BH-82 (1')	Total/NA	Solid	8021B - BTEX	3153495_P
890-274-24	BH-83 (1')	Total/NA	Solid	8021B - BTEX	3153495_P
890-274-45	BH-104 (1')	Total/NA	Solid	8021B - BTEX	3153495_P
890-274-46	BH-105 (1')	Total/NA	Solid	8021B - BTEX	3153495_P
7723142-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3153495_P
7723142-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3153495_P
7723142-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3153495_P

Prep Batch: 3152768_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-1	BH-60 (0,5')	Total/NA	Solid	E300P	
890-274-2	BH-61 (0.5')	Total/NA	Solid	E300P	
890-274-3	BH-62 (0.5')	Total/NA	Solid	E300P	
890-274-4	BH-63 (4')	Total/NA	Solid	E300P	
890-274-5	BH-64 (4')	Total/NA	Solid	E300P	
890-274-6	BH-65 (4')	Total/NA	Solid	E300P	
890-274-7	BH-66 (3')	Total/NA	Solid	E300P	
890-274-8	BH-67 (3')	Total/NA	Solid	E300P	
7722688-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722688-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722688-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152792_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-9	BH-68 (1')	Total/NA	Solid	E300P	
890-274-10	BH-69 (1')	Total/NA	Solid	E300P	
890-274-11	BH-70 (1')	Total/NA	Solid	E300P	
7722690-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722690-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722690-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
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Prep Batch: 3152849_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-1	BH-60 (0,5')	Total/NA	Solid	SW8015P	
890-274-2	BH-61 (0.5')	Total/NA	Solid	SW8015P	
890-274-3	BH-62 (0.5')	Total/NA	Solid	SW8015P	
890-274-4	BH-63 (4')	Total/NA	Solid	SW8015P	
890-274-5	BH-64 (4')	Total/NA	Solid	SW8015P	
890-274-6	BH-65 (4')	Total/NA	Solid	SW8015P	
890-274-7	BH-66 (3')	Total/NA	Solid	SW8015P	
890-274-8	BH-67 (3')	Total/NA	Solid	SW8015P	
890-274-9	BH-68 (1')	Total/NA	Solid	SW8015P	
890-274-10	BH-69 (1')	Total/NA	Solid	SW8015P	
890-274-11	BH-70 (1')	Total/NA	Solid	SW8015P	
890-274-12	BH-71 (1')	Total/NA	Solid	SW8015P	
890-274-13	BH-72 (1')	Total/NA	Solid	SW8015P	
890-274-14	BH-73 (1')	Total/NA	Solid	SW8015P	
890-274-15	BH-74 (1')	Total/NA	Solid	SW8015P	
890-274-16	BH-75 (1')	Total/NA	Solid	SW8015P	
890-274-17	BH-76 (1')	Total/NA	Solid	SW8015P	
890-274-18	BH-77 (1')	Total/NA	Solid	SW8015P	
890-274-19	BH-78 (1')	Total/NA	Solid	SW8015P	
890-274-20	BH-79 (1')	Total/NA	Solid	SW8015P	
7722752-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722752-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722752-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
690577-001 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690577-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152850_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-21	BH-80 (1')	Total/NA	Solid	SW8015P	
890-274-22	BH-81 (1')	Total/NA	Solid	SW8015P	
890-274-23	BH-82 (1')	Total/NA	Solid	SW8015P	
890-274-24	BH-83 (1')	Total/NA	Solid	SW8015P	
890-274-25	BH-84 (1')	Total/NA	Solid	SW8015P	
890-274-26	BH-85 (1')	Total/NA	Solid	SW8015P	
890-274-27	BH-86 (1')	Total/NA	Solid	SW8015P	
890-274-28	BH-87 (1')	Total/NA	Solid	SW8015P	
890-274-29	BH-88 (1')	Total/NA	Solid	SW8015P	
890-274-30	BH-89 (1')	Total/NA	Solid	SW8015P	
890-274-31	BH-90 (1')	Total/NA	Solid	SW8015P	
890-274-32	BH-91 (1')	Total/NA	Solid	SW8015P	
890-274-33	BH-92 (1')	Total/NA	Solid	SW8015P	
890-274-34	BH-93 (1')	Total/NA	Solid	SW8015P	
890-274-35	BH-94 (1')	Total/NA	Solid	SW8015P	
890-274-36	BH-95 (1')	Total/NA	Solid	SW8015P	
890-274-37	BH-96 (1')	Total/NA	Solid	SW8015P	
890-274-38	BH-97 (1')	Total/NA	Solid	SW8015P	
890-274-39	BH-98 (1')	Total/NA	Solid	SW8015P	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3152850_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-40	BH-99 (1')	Total/NA	Solid	SW8015P	
7722753-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722753-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722753-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
690577-021 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690577-021 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152852_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-41	BH-100 (1')	Total/NA	Solid	SW8015P	
890-274-42	BH-101 (1')	Total/NA	Solid	SW8015P	
890-274-43	BH-102 (1')	Total/NA	Solid	SW8015P	
890-274-44	BH-103 (1')	Total/NA	Solid	SW8015P	
890-274-45	BH-104 (1')	Total/NA	Solid	SW8015P	
890-274-46	BH-105 (1')	Total/NA	Solid	SW8015P	
7722756-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722756-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722756-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152919_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-12	BH-71 (1')	Total/NA	Solid	E300P	
890-274-13	BH-72 (1')	Total/NA	Solid	E300P	
890-274-14	BH-73 (1')	Total/NA	Solid	E300P	
890-274-15	BH-74 (1')	Total/NA	Solid	E300P	
890-274-16	BH-75 (1')	Total/NA	Solid	E300P	
890-274-17	BH-76 (1')	Total/NA	Solid	E300P	
890-274-18	BH-77 (1')	Total/NA	Solid	E300P	
7722742-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722742-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722742-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152920_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-19	BH-78 (1')	Total/NA	Solid	E300P	
890-274-20	BH-79 (1')	Total/NA	Solid	E300P	
890-274-21	BH-80 (1')	Total/NA	Solid	E300P	
890-274-22	BH-81 (1')	Total/NA	Solid	E300P	
890-274-23	BH-82 (1')	Total/NA	Solid	E300P	
890-274-24	BH-83 (1')	Total/NA	Solid	E300P	
890-274-25	BH-84 (1')	Total/NA	Solid	E300P	
890-274-26	BH-85 (1')	Total/NA	Solid	E300P	
890-274-27	BH-86 (1')	Total/NA	Solid	E300P	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3152920_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-28	BH-87 (1')	Total/NA	Solid	E300P	
890-274-29	BH-88 (1')	Total/NA	Solid	E300P	
890-274-30	BH-89 (1')	Total/NA	Solid	E300P	
890-274-31	BH-90 (1')	Total/NA	Solid	E300P	
890-274-32	BH-91 (1')	Total/NA	Solid	E300P	
890-274-33	BH-92 (1')	Total/NA	Solid	E300P	
890-274-34	BH-93 (1')	Total/NA	Solid	E300P	
890-274-35	BH-94 (1')	Total/NA	Solid	E300P	
890-274-36	BH-95 (1')	Total/NA	Solid	E300P	
890-274-37	BH-96 (1')	Total/NA	Solid	E300P	
890-274-38	BH-97 (1')	Total/NA	Solid	E300P	
7722743-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722743-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722743-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
690577-019 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690577-019 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	
690577-029 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690577-029 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3152923_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-39	BH-98 (1')	Total/NA	Solid	E300P	
890-274-40	BH-99 (1')	Total/NA	Solid	E300P	
890-274-41	BH-100 (1')	Total/NA	Solid	E300P	
890-274-42	BH-101 (1')	Total/NA	Solid	E300P	
890-274-43	BH-102 (1')	Total/NA	Solid	E300P	
890-274-44	BH-103 (1')	Total/NA	Solid	E300P	
890-274-45	BH-104 (1')	Total/NA	Solid	E300P	
890-274-46	BH-105 (1')	Total/NA	Solid	E300P	
7722792-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722792-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722792-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
690577-039 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
690577-039 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3153237_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-1	BH-60 (0,5')	Total/NA	Solid	SW5035A	
890-274-2	BH-61 (0.5')	Total/NA	Solid	SW5035A	
890-274-3	BH-62 (0.5')	Total/NA	Solid	SW5035A	
890-274-4	BH-63 (4')	Total/NA	Solid	SW5035A	
890-274-5	BH-64 (4')	Total/NA	Solid	SW5035A	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3153237_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-6	BH-65 (4')	Total/NA	Solid	SW5035A	
890-274-7	BH-66 (3')	Total/NA	Solid	SW5035A	
890-274-8	BH-67 (3')	Total/NA	Solid	SW5035A	
890-274-9	BH-68 (1')	Total/NA	Solid	SW5035A	
890-274-10	BH-69 (1')	Total/NA	Solid	SW5035A	

Prep Batch: 3153278_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
7723038-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7723038-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7723038-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	

Prep Batch: 3153398_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-11	BH-70 (1')	Total/NA	Solid	SW5035A	
890-274-12	BH-71 (1')	Total/NA	Solid	SW5035A	
890-274-13	BH-72 (1')	Total/NA	Solid	SW5035A	
890-274-14	BH-73 (1')	Total/NA	Solid	SW5035A	
890-274-15	BH-74 (1')	Total/NA	Solid	SW5035A	
7722979-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7722979-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7722979-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	

Prep Batch: 3153401_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-22	BH-81 (1')	Total/NA	Solid	SW5035A	
7723094-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7723094-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7723094-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	

Prep Batch: 3153405_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-25	BH-84 (1')	Total/NA	Solid	SW5035A	
890-274-26	BH-85 (1')	Total/NA	Solid	SW5035A	
890-274-27	BH-86 (1')	Total/NA	Solid	SW5035A	
890-274-28	BH-87 (1')	Total/NA	Solid	SW5035A	
890-274-29	BH-88 (1')	Total/NA	Solid	SW5035A	
890-274-30	BH-89 (1')	Total/NA	Solid	SW5035A	
890-274-31	BH-90 (1')	Total/NA	Solid	SW5035A	
890-274-32	BH-91 (1')	Total/NA	Solid	SW5035A	
890-274-33	BH-92 (1')	Total/NA	Solid	SW5035A	
890-274-34	BH-93 (1')	Total/NA	Solid	SW5035A	
890-274-35	BH-94 (1')	Total/NA	Solid	SW5035A	
890-274-36	BH-95 (1')	Total/NA	Solid	SW5035A	
890-274-37	BH-96 (1')	Total/NA	Solid	SW5035A	
890-274-38	BH-97 (1')	Total/NA	Solid	SW5035A	
890-274-39	BH-98 (1')	Total/NA	Solid	SW5035A	
890-274-40	BH-99 (1')	Total/NA	Solid	SW5035A	
890-274-41	BH-100 (1')	Total/NA	Solid	SW5035A	
890-274-42	BH-101 (1')	Total/NA	Solid	SW5035A	
890-274-43	BH-102 (1')	Total/NA	Solid	SW5035A	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3153405_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-44	BH-103 (1')	Total/NA	Solid	SW5035A	
7723097-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7723097-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7723097-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	
690577-025 S	Matrix Spike	Total/NA	SOIL	SW5035A	
690577-025 SD	Matrix Spike Duplicate	Total/NA	SOIL	SW5035A	

Prep Batch: 3153495_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-274-16	BH-75 (1')	Total/NA	Solid	SW5035A	
890-274-17	BH-76 (1')	Total/NA	Solid	SW5035A	
890-274-18	BH-77 (1')	Total/NA	Solid	SW5035A	
890-274-19	BH-78 (1')	Total/NA	Solid	SW5035A	
890-274-20	BH-79 (1')	Total/NA	Solid	SW5035A	
890-274-21	BH-80 (1')	Total/NA	Solid	SW5035A	
890-274-23	BH-82 (1')	Total/NA	Solid	SW5035A	
890-274-24	BH-83 (1')	Total/NA	Solid	SW5035A	
890-274-45	BH-104 (1')	Total/NA	Solid	SW5035A	
890-274-46	BH-105 (1')	Total/NA	Solid	SW5035A	
7723142-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7723142-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7723142-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Method	Method Description	Protocol	Laboratory
300.0	EPA 300.0	EPA	XM
8015B	SW846 8015B TPH ORO	SW846	XM
8021	SW846 8021 Volatile Organic Compounds	SW846	XM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-274-1
SDG: 212C-MD-02339

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
890-274-1	BH-60 (0,5')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-2	BH-61 (0.5')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-3	BH-62 (0.5')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-4	BH-63 (4')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-5	BH-64 (4')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-6	BH-65 (4')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-7	BH-66 (3')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-8	BH-67 (3')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-9	BH-68 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-10	BH-69 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-11	BH-70 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-12	BH-71 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-13	BH-72 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-14	BH-73 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-15	BH-74 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-16	BH-75 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-17	BH-76 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-18	BH-77 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-19	BH-78 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-20	BH-79 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-21	BH-80 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-22	BH-81 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-23	BH-82 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-24	BH-83 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-25	BH-84 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-26	BH-85 (1')	Solid	03/03/21 00:00	03/05/21 08:20	
890-274-27	BH-86 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-28	BH-87 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-29	BH-88 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-30	BH-89 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-31	BH-90 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-32	BH-91 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-33	BH-92 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-34	BH-93 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-35	BH-94 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-36	BH-95 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-37	BH-96 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-38	BH-97 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-39	BH-98 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-40	BH-99 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-41	BH-100 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-42	BH-101 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-43	BH-102 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-44	BH-103 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-45	BH-104 (1')	Solid	03/04/21 00:00	03/05/21 08:20	
890-274-46	BH-105 (1')	Solid	03/04/21 00:00	03/05/21 08:20	

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

890-274 Chain of Custody

Client Name:	EOG	Site Manager:	Brittany Long
Project Name:	Fox 30 State Com		
Project Location: (county, state)	Lea County, NM	Project #:	212C-MD-02339
Invoice to:	EOG Todd Wells		
Receiving Laboratory:	Xenco	Sampler Signature:	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	BH-60 (0.5')	3/3/2021			X				X			1	N	X		X												X						
	BH-61 (0.5')	3/3/2021			X				X			1	N	X		X												X						
	BH-62 (0.5')	3/3/2021			X				X			1	N	X		X												X						
	BH-63 (4')	3/3/2021			X				X			1	N	X		X												X						
	BH-64 (4')	3/3/2021			X				X			1	N	X		X												X						
	BH-65 (4')	3/3/2021			X				X			1	N	X		X												X						
	BH-66 (3')	3/3/2021			X				X			1	N	X		X												X						
	BH-67 (3')	3/3/2021			X				X			1	N	X		X												X						
	BH-68 (1')	3/3/2021			X				X			1	N	X		X												X						
	BH-69 (1')	3/3/2021			X				X			1	N	X		X												X						

Relinquished by: Ezequiel	Date: 3/5/21	Time: 0820	Received by: Cloe Clifton 3-5-21 0820
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY

Sample Temperature 1.2/1.0

REMARKS:

- ☐ STANDARD
- ☒ 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

Received by OCD: 12/21/2021 3:26:13 PM

Released to Imaging: 1/14/2022 2:45:36 PM

3/15/2021

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-274-1
SDG Number: 212C-MD-02339

Login Number: 274
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.	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	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-320-1
Laboratory Sample Delivery Group: 212C-MD-02339
Client Project/Site: Fox 30 State Com Facility

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
3/17/2021 1:42:33 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS
Review your project results through TotalAccess
Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-320-1
Project/Site: Fox 30 State Com Facility SDG: 212C-MD-02339

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. Job ID: 890-320-1
Project/Site: Fox 30 State Com Facility SDG: 212C-MD-02339

Job ID: 890-320-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-320-1

Comments
No additional comments.

Receipt
The samples were received on 3/10/2021 5:25 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 was 24.2º C.

Receipt Exceptions

The following samples analyzed for method BTEX 8021 were received and analyzed from an unpreserved bulk soil jar: SW-28 (890-320-1), SW-29 (890-320-2), SW-30 (890-320-3), SW-31 (890-320-4), SW-32 (890-320-5), SW-33 (890-320-6), SW-34 (890-320-7), SW-35 (890-320-8), SW-36 (890-320-9), SW-37 (890-320-10), SW-38 (890-320-11), SW-39 (890-320-12), SW-40 (890-320-13), SW-41 (890-320-14), SW-42 (890-320-15), BH-43 (890-320-16), BH-106 (890-320-17), BH-107 (890-320-18), BH-108 (890-320-19), BH-109 (890-320-20), BH-110 (890-320-21), BH-111 (890-320-22), BH-112 (890-320-23), BH-113 (890-320-24), BH-114 (890-320-25), BH-115 (890-320-26), BH-116 (890-320-27), BH-117 (890-320-28), BH-118 (890-320-29), BH-119 (890-320-30), BH-120 (890-320-31), BH-121 (890-320-32), BH-122 (890-320-33), BH-123 (890-320-34), SW-44 (890-320-35), SW-45 (890-320-36), BH-124 (890-320-37), BH-125 (890-320-38), SW-46 (890-320-39), BH-126 (890-320-40), SW-50 (890-320-41), SW-47 (890-320-42), BH-127 (890-320-43), SW-51 (890-320-44), SW-48 (890-320-45), BH-128 (890-320-46), SW-52 (890-320-47), SW-49 (890-320-48), BH-129 (890-320-49) and SW-53 (890-320-50).

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-43

Lab Sample ID: 691386-016
Matrix: Solid
Date Collected:
Date Received:

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2280		24.8		mg/kg		03/12/21 10:00	03/12/21 12:11	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:09	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:09	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:09	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 135*	*03/12/21 12:00*	*03/12/21 19:09*	*1*
o-Terphenyl	*79*		*70 - 135*	*03/12/21 12:00*	*03/12/21 19:09*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 10:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 10:48	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/15/21 17:00	03/16/21 10:48	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 10:48	1
Toluene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 10:48	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 10:48	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 10:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*101*		*70 - 130*	*03/15/21 17:00*	*03/16/21 10:48*	*1*
4-Bromofluorobenzene	*112*		*70 - 130*	*03/15/21 17:00*	*03/16/21 10:48*	*1*

Client Sample ID: SW-28

Lab Sample ID: 890-320-1
Matrix: Solid
Date Collected: 03/10/21 11:00
Date Received: 03/10/21 17:25

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	765		4.95		mg/kg		03/11/21 19:00	03/11/21 22:44	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 12:16	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 12:16	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 12:16	1
Total TPH	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 135*	*03/12/21 12:00*	*03/12/21 12:16*	*1*
o-Terphenyl	*84*		*70 - 135*	*03/12/21 12:00*	*03/12/21 12:16*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/14/21 11:45	03/15/21 16:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/14/21 11:45	03/15/21 16:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/14/21 11:45	03/15/21 16:59	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/14/21 11:45	03/15/21 16:59	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-28
Date Collected: 03/10/21 11:00
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00199	U	0.00199		mg/kg		03/14/21 11:45	03/15/21 16:59	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/14/21 11:45	03/15/21 16:59	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/14/21 11:45	03/15/21 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*106*		*70 - 130*	*03/14/21 11:45*	*03/15/21 16:59*	*1*
4-Bromofluorobenzene	*102*		*70 - 130*	*03/14/21 11:45*	*03/15/21 16:59*	*1*

Client Sample ID: SW-29
Date Collected: 03/10/21 11:05
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-2
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.8**		4.95		mg/kg		03/11/21 19:00	03/11/21 22:49	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 13:21	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 13:21	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 13:21	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 135*	*03/12/21 12:00*	*03/12/21 13:21*	*1*
o-Terphenyl	*78*		*70 - 135*	*03/12/21 12:00*	*03/12/21 13:21*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/14/21 11:45	03/15/21 17:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/14/21 11:45	03/15/21 17:19	1
m,p-Xylenes	<0.00403	U	0.00403		mg/kg		03/14/21 11:45	03/15/21 17:19	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/14/21 11:45	03/15/21 17:19	1
Toluene	<0.00202	U	0.00202		mg/kg		03/14/21 11:45	03/15/21 17:19	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/14/21 11:45	03/15/21 17:19	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/14/21 11:45	03/15/21 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*103*		*70 - 130*	*03/14/21 11:45*	*03/15/21 17:19*	*1*
4-Bromofluorobenzene	*103*		*70 - 130*	*03/14/21 11:45*	*03/15/21 17:19*	*1*

Client Sample ID: SW-30
Date Collected: 03/10/21 11:07
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-3
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		4.95		mg/kg		03/11/21 19:00	03/11/21 22:55	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 13:43	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-30

Date Collected: 03/10/21 11:07
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-3

Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 13:43	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 13:43	1
Total TPH	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 135*	*03/12/21 12:00*	*03/12/21 13:43*	*1*
o-Terphenyl	*82*		*70 - 135*	*03/12/21 12:00*	*03/12/21 13:43*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/14/21 11:45	03/15/21 17:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/14/21 11:45	03/15/21 17:40	1
m,p-Xylenes	<0.00403	U	0.00403		mg/kg		03/14/21 11:45	03/15/21 17:40	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/14/21 11:45	03/15/21 17:40	1
Toluene	<0.00202	U	0.00202		mg/kg		03/14/21 11:45	03/15/21 17:40	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/14/21 11:45	03/15/21 17:40	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/14/21 11:45	03/15/21 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*105*		*70 - 130*	*03/14/21 11:45*	*03/15/21 17:40*	*1*
4-Bromofluorobenzene	*102*		*70 - 130*	*03/14/21 11:45*	*03/15/21 17:40*	*1*

Client Sample ID: SW-31

Date Collected: 03/10/21 11:09
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-4

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/kg		03/11/21 19:00	03/11/21 23:00	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 14:05	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 14:05	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 14:05	1
Total TPH	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 135*	*03/12/21 12:00*	*03/12/21 14:05*	*1*
o-Terphenyl	*80*		*70 - 135*	*03/12/21 12:00*	*03/12/21 14:05*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/14/21 11:45	03/15/21 18:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/14/21 11:45	03/15/21 18:01	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/14/21 11:45	03/15/21 18:01	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/14/21 11:45	03/15/21 18:01	1
Toluene	<0.00200	U	0.00200		mg/kg		03/14/21 11:45	03/15/21 18:01	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/14/21 11:45	03/15/21 18:01	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/14/21 11:45	03/15/21 18:01	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-31
Date Collected: 03/10/21 11:09
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-4
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	108		70 - 130	03/14/21 11:45	03/15/21 18:01	1
4-Bromofluorobenzene	113		70 - 130	03/14/21 11:45	03/15/21 18:01	1

Client Sample ID: SW-32
Date Collected: 03/10/21 11:11
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-5
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	782		5.00		mg/kg		03/12/21 09:50	03/12/21 18:09	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:27	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:27	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:27	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 135	03/12/21 12:00	03/12/21 14:27	1
o-Terphenyl	84		70 - 135	03/12/21 12:00	03/12/21 14:27	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 05:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 05:34	1
m,p-Xylenes	<0.00400	U	0.00400		mg/kg		03/15/21 17:00	03/16/21 05:34	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 05:34	1
Toluene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 05:34	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 05:34	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 05:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	03/15/21 17:00	03/16/21 05:34	1
4-Bromofluorobenzene	111		70 - 130	03/15/21 17:00	03/16/21 05:34	1

Client Sample ID: SW-33
Date Collected: 03/10/21 11:13
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-6
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1250		5.00		mg/kg		03/12/21 09:50	03/12/21 18:14	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:49	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:49	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:49	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:49	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-33
Date Collected: 03/10/21 11:13
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-6
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 135	03/12/21 12:00	03/12/21 14:49	1
o-Terphenyl	87		70 - 135	03/12/21 12:00	03/12/21 14:49	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/15/21 17:00	03/16/21 05:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/15/21 17:00	03/16/21 05:54	1
m,p-Xylenes	<0.00397	U	0.00397		mg/kg		03/15/21 17:00	03/16/21 05:54	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/15/21 17:00	03/16/21 05:54	1
Toluene	<0.00198	U	0.00198		mg/kg		03/15/21 17:00	03/16/21 05:54	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/15/21 17:00	03/16/21 05:54	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/15/21 17:00	03/16/21 05:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130	03/15/21 17:00	03/16/21 05:54	1
4-Bromofluorobenzene	113		70 - 130	03/15/21 17:00	03/16/21 05:54	1

Client Sample ID: SW-34
Date Collected: 03/10/21 11:15
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-7
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.0		5.02		mg/kg		03/12/21 09:50	03/12/21 18:20	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 15:11	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 15:11	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 15:11	1
Total TPH	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 15:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 135	03/12/21 12:00	03/12/21 15:11	1
o-Terphenyl	78		70 - 135	03/12/21 12:00	03/12/21 15:11	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 07:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 07:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/15/21 17:00	03/16/21 07:44	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 07:44	1
Toluene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 07:44	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 07:44	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 07:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	03/15/21 17:00	03/16/21 07:44	1
4-Bromofluorobenzene	110		70 - 130	03/15/21 17:00	03/16/21 07:44	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-320-1
Project/Site: Fox 30 State Com Facility SDG: 212C-MD-02339

Client Sample ID: SW-35
Lab Sample ID: 890-320-8
Date Collected: 03/10/21 11:17 **Matrix: Solid**
Date Received: 03/10/21 17:25

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	640		5.00		mg/kg		03/12/21 10:00	03/12/21 10:16	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 15:33	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 15:33	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 15:33	1
Total TPH	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 135*	*03/12/21 12:00*	*03/12/21 15:33*	*1*
o-Terphenyl	*77*		*70 - 135*	*03/12/21 12:00*	*03/12/21 15:33*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 08:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 08:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/15/21 17:00	03/16/21 08:05	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 08:05	1
Toluene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 08:05	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 08:05	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 08:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*101*		*70 - 130*	*03/15/21 17:00*	*03/16/21 08:05*	*1*
4-Bromofluorobenzene	*120*		*70 - 130*	*03/15/21 17:00*	*03/16/21 08:05*	*1*

Client Sample ID: SW-36
Lab Sample ID: 890-320-9
Date Collected: 03/10/21 11:19 **Matrix: Solid**
Date Received: 03/10/21 17:25

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		5.02		mg/kg		03/12/21 10:00	03/12/21 10:31	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 15:55	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 15:55	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 15:55	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 135*	*03/12/21 12:00*	*03/12/21 15:55*	*1*
o-Terphenyl	*79*		*70 - 135*	*03/12/21 12:00*	*03/12/21 15:55*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/15/21 17:00	03/16/21 08:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/15/21 17:00	03/16/21 08:25	1
m,p-Xylenes	<0.00397	U	0.00397		mg/kg		03/15/21 17:00	03/16/21 08:25	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/15/21 17:00	03/16/21 08:25	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-320-1
Project/Site: Fox 30 State Com Facility SDG: 212C-MD-02339

Client Sample ID: SW-36 Lab Sample ID: 890-320-9
Date Collected: 03/10/21 11:19 **Matrix: Solid**
Date Received: 03/10/21 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00198	U	0.00198		mg/kg		03/15/21 17:00	03/16/21 08:25	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/15/21 17:00	03/16/21 08:25	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/15/21 17:00	03/16/21 08:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*102*		*70 - 130*	*03/15/21 17:00*	*03/16/21 08:25*	*1*
4-Bromofluorobenzene	*110*		*70 - 130*	*03/15/21 17:00*	*03/16/21 08:25*	*1*

Client Sample ID: SW-37 Lab Sample ID: 890-320-10
Date Collected: 03/10/21 11:21 **Matrix: Solid**
Date Received: 03/10/21 17:25

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3230**		24.8		mg/kg		03/12/21 10:00	03/12/21 10:36	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 16:16	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 16:16	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 16:16	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 135*	*03/12/21 12:00*	*03/12/21 16:16*	*1*
o-Terphenyl	*79*		*70 - 135*	*03/12/21 12:00*	*03/12/21 16:16*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 08:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 08:46	1
m,p-Xylenes	<0.00400	U	0.00400		mg/kg		03/15/21 17:00	03/16/21 08:46	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 08:46	1
Toluene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 08:46	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 08:46	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 08:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*105*		*70 - 130*	*03/15/21 17:00*	*03/16/21 08:46*	*1*
4-Bromofluorobenzene	*112*		*70 - 130*	*03/15/21 17:00*	*03/16/21 08:46*	*1*

Client Sample ID: SW-38 Lab Sample ID: 890-320-11
Date Collected: 03/10/21 11:23 **Matrix: Solid**
Date Received: 03/10/21 17:25

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2410**		25.0		mg/kg		03/12/21 10:00	03/12/21 10:41	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 17:20	1

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Released to Imaging: 1/14/2022 2:45:36 PM

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-38
Date Collected: 03/10/21 11:23
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-11
Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 17:20	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 17:20	1
Total TPH	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 135*	*03/12/21 12:00*	*03/12/21 17:20*	*1*
o-Terphenyl	*79*		*70 - 135*	*03/12/21 12:00*	*03/12/21 17:20*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 09:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 09:06	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/15/21 17:00	03/16/21 09:06	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 09:06	1
Toluene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 09:06	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 09:06	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 09:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*101*		*70 - 130*	*03/15/21 17:00*	*03/16/21 09:06*	*1*
4-Bromofluorobenzene	*117*		*70 - 130*	*03/15/21 17:00*	*03/16/21 09:06*	*1*

Client Sample ID: SW-39
Date Collected: 03/10/21 11:25
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-12
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1270		5.00		mg/kg		03/12/21 10:00	03/12/21 10:46	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 17:42	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 17:42	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 17:42	1
Total TPH	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 135*	*03/12/21 12:00*	*03/12/21 17:42*	*1*
o-Terphenyl	*86*		*70 - 135*	*03/12/21 12:00*	*03/12/21 17:42*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/15/21 17:00	03/16/21 09:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/15/21 17:00	03/16/21 09:26	1
m,p-Xylenes	<0.00403	U	0.00403		mg/kg		03/15/21 17:00	03/16/21 09:26	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/15/21 17:00	03/16/21 09:26	1
Toluene	<0.00202	U	0.00202		mg/kg		03/15/21 17:00	03/16/21 09:26	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/15/21 17:00	03/16/21 09:26	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/15/21 17:00	03/16/21 09:26	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-39
Date Collected: 03/10/21 11:25
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-12
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	03/15/21 17:00	03/16/21 09:26	1
4-Bromofluorobenzene	111		70 - 130	03/15/21 17:00	03/16/21 09:26	1

Client Sample ID: SW-40
Date Collected: 03/10/21 11:27
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-13
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1450		5.00		mg/kg		03/12/21 10:00	03/12/21 11:01	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:04	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:04	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:04	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 135	03/12/21 12:00	03/12/21 18:04	1
o-Terphenyl	103		70 - 135	03/12/21 12:00	03/12/21 18:04	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 09:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 09:47	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/15/21 17:00	03/16/21 09:47	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 09:47	1
Toluene	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 09:47	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 09:47	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/15/21 17:00	03/16/21 09:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	03/15/21 17:00	03/16/21 09:47	1
4-Bromofluorobenzene	114		70 - 130	03/15/21 17:00	03/16/21 09:47	1

Client Sample ID: SW-41
Date Collected: 03/10/21 11:29
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-14
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2710		25.3		mg/kg		03/12/21 10:00	03/12/21 11:06	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:25	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:25	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:25	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:25	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-41

Date Collected: 03/10/21 11:29
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-14
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 135*	*03/12/21 12:00*	*03/12/21 18:25*	*1*
o-Terphenyl	*79*		*70 - 135*	*03/12/21 12:00*	*03/12/21 18:25*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 10:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 10:07	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/15/21 17:00	03/16/21 10:07	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 10:07	1
Toluene	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 10:07	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 10:07	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/15/21 17:00	03/16/21 10:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*103*		*70 - 130*	*03/15/21 17:00*	*03/16/21 10:07*	*1*
4-Bromofluorobenzene	*118*		*70 - 130*	*03/15/21 17:00*	*03/16/21 10:07*	*1*

Client Sample ID: SW-42

Date Collected: 03/10/21 11:31
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-15
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2520		25.3		mg/kg		03/12/21 10:00	03/12/21 12:06	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 18:47	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 18:47	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 18:47	1
Total TPH	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 135*	*03/12/21 12:00*	*03/12/21 18:47*	*1*
o-Terphenyl	*85*		*70 - 135*	*03/12/21 12:00*	*03/12/21 18:47*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/15/21 17:00	03/16/21 10:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/15/21 17:00	03/16/21 10:28	1
m,p-Xylenes	<0.00404	U	0.00404		mg/kg		03/15/21 17:00	03/16/21 10:28	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/15/21 17:00	03/16/21 10:28	1
Toluene	<0.00202	U	0.00202		mg/kg		03/15/21 17:00	03/16/21 10:28	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/15/21 17:00	03/16/21 10:28	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/15/21 17:00	03/16/21 10:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*104*		*70 - 130*	*03/15/21 17:00*	*03/16/21 10:28*	*1*
4-Bromofluorobenzene	*112*		*70 - 130*	*03/15/21 17:00*	*03/16/21 10:28*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-106

Date Collected: 03/10/21 11:35
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-17
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6670		50.0		mg/kg		03/12/21 10:00	03/12/21 12:16	10

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 19:30	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 19:30	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 19:30	1
Total TPH	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 135*	*03/12/21 12:00*	*03/12/21 19:30*	*1*
o-Terphenyl	*84*		*70 - 135*	*03/12/21 12:00*	*03/12/21 19:30*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 01:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 01:10	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/16/21 14:00	03/17/21 01:10	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 01:10	1
Toluene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 01:10	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 01:10	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*95*		*70 - 130*	*03/16/21 14:00*	*03/17/21 01:10*	*1*
4-Bromofluorobenzene	*99*		*70 - 130*	*03/16/21 14:00*	*03/17/21 01:10*	*1*

Client Sample ID: BH-107

Date Collected: 03/10/21 11:37
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-18
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5860		50.0		mg/kg		03/12/21 10:00	03/12/21 12:21	10

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:52	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:52	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:52	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 135*	*03/12/21 12:00*	*03/12/21 19:52*	*1*
o-Terphenyl	*84*		*70 - 135*	*03/12/21 12:00*	*03/12/21 19:52*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 01:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 01:30	1
m,p-Xylenes	<0.00404	U	0.00404		mg/kg		03/16/21 14:00	03/17/21 01:30	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 01:30	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-320-1
Project/Site: Fox 30 State Com Facility SDG: 212C-MD-02339

Client Sample ID: BH-107 Lab Sample ID: 890-320-18
Date Collected: 03/10/21 11:37 **Matrix: Solid**
Date Received: 03/10/21 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 01:30	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 01:30	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*103*		*70 - 130*	*03/16/21 14:00*	*03/17/21 01:30*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*	*03/16/21 14:00*	*03/17/21 01:30*	*1*

Client Sample ID: BH-108 Lab Sample ID: 890-320-19
Date Collected: 03/10/21 11:39 **Matrix: Solid**
Date Received: 03/10/21 17:25

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.1**		5.00		mg/kg		03/12/21 10:00	03/12/21 12:26	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 20:13	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 20:13	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 20:13	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 135*	*03/12/21 12:00*	*03/12/21 20:13*	*1*
o-Terphenyl	*83*		*70 - 135*	*03/12/21 12:00*	*03/12/21 20:13*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 01:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 01:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/kg		03/16/21 14:00	03/17/21 01:51	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 01:51	1
Toluene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 01:51	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 01:51	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*100*		*70 - 130*	*03/16/21 14:00*	*03/17/21 01:51*	*1*
4-Bromofluorobenzene	*107*		*70 - 130*	*03/16/21 14:00*	*03/17/21 01:51*	*1*

Client Sample ID: BH-109 Lab Sample ID: 890-320-20
Date Collected: 03/10/21 11:41 **Matrix: Solid**
Date Received: 03/10/21 17:25

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7730**		50.3		mg/kg		03/12/21 10:00	03/12/21 12:31	10

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 20:35	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-109
Date Collected: 03/10/21 11:41
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-20
Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 20:35	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 20:35	1
Total TPH	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 135*	*03/12/21 12:00*	*03/12/21 20:35*	*1*
o-Terphenyl	*89*		*70 - 135*	*03/12/21 12:00*	*03/12/21 20:35*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/16/21 14:00	03/17/21 02:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/16/21 14:00	03/17/21 02:12	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/16/21 14:00	03/17/21 02:12	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/16/21 14:00	03/17/21 02:12	1
Toluene	<0.00201	U	0.00201		mg/kg		03/16/21 14:00	03/17/21 02:12	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/16/21 14:00	03/17/21 02:12	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/16/21 14:00	03/17/21 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*99*		*70 - 130*	*03/16/21 14:00*	*03/17/21 02:12*	*1*
4-Bromofluorobenzene	*107*		*70 - 130*	*03/16/21 14:00*	*03/17/21 02:12*	*1*

Client Sample ID: BH-110
Date Collected: 03/10/21 11:43
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-21
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6130		50.0		mg/kg		03/12/21 13:10	03/12/21 13:28	10

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 12:16	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 12:16	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 12:16	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 135*	*03/12/21 12:00*	*03/12/21 12:16*	*1*
o-Terphenyl	*96*		*70 - 135*	*03/12/21 12:00*	*03/12/21 12:16*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 02:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 02:32	1
m,p-Xylenes	<0.00403	U	0.00403		mg/kg		03/16/21 14:00	03/17/21 02:32	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 02:32	1
Toluene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 02:32	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 02:32	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 02:32	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-110
Date Collected: 03/10/21 11:43
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-21
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	97		70 - 130	03/16/21 14:00	03/17/21 02:32	1
4-Bromofluorobenzene	110		70 - 130	03/16/21 14:00	03/17/21 02:32	1

Client Sample ID: BH-111
Date Collected: 03/10/21 11:45
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-22
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6350		50.4		mg/kg		03/12/21 13:10	03/12/21 13:43	10

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 13:21	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 13:21	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 13:21	1
Total TPH	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 13:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 135	03/12/21 12:00	03/12/21 13:21	1
o-Terphenyl	73		70 - 135	03/12/21 12:00	03/12/21 13:21	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 02:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 02:53	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/16/21 14:00	03/17/21 02:53	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 02:53	1
Toluene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 02:53	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 02:53	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 02:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	101		70 - 130	03/16/21 14:00	03/17/21 02:53	1
4-Bromofluorobenzene	108		70 - 130	03/16/21 14:00	03/17/21 02:53	1

Client Sample ID: BH-112
Date Collected: 03/10/21 11:47
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-23
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3400		25.0		mg/kg		03/12/21 13:10	03/12/21 13:48	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 13:43	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 13:43	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 13:43	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 13:43	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-112

Date Collected: 03/10/21 11:47
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-23

Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 135*	*03/12/21 12:00*	*03/12/21 13:43*	*1*
o-Terphenyl	*80*		*70 - 135*	*03/12/21 12:00*	*03/12/21 13:43*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 03:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 03:14	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/16/21 14:00	03/17/21 03:14	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 03:14	1
Toluene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 03:14	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 03:14	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 03:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*98*		*70 - 130*	*03/16/21 14:00*	*03/17/21 03:14*	*1*
4-Bromofluorobenzene	*105*		*70 - 130*	*03/16/21 14:00*	*03/17/21 03:14*	*1*

Client Sample ID: BH-113

Date Collected: 03/10/21 11:49
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-24

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1050**		4.96		mg/kg		03/12/21 13:10	03/12/21 13:53	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 14:05	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 14:05	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 14:05	1
Total TPH	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 135*	*03/12/21 12:00*	*03/12/21 14:05*	*1*
o-Terphenyl	*104*		*70 - 135*	*03/12/21 12:00*	*03/12/21 14:05*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 03:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 03:34	1
m,p-Xylenes	<0.00396	U	0.00396		mg/kg		03/16/21 14:00	03/17/21 03:34	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 03:34	1
Toluene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 03:34	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 03:34	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*100*		*70 - 130*	*03/16/21 14:00*	*03/17/21 03:34*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*	*03/16/21 14:00*	*03/17/21 03:34*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-114

Date Collected: 03/10/21 11:51
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-25
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	297		4.95		mg/kg		03/12/21 13:10	03/12/21 13:58	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:27	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:27	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:27	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*135*	**	*70 - 135*	*03/12/21 12:00*	*03/12/21 14:27*	*1*
o-Terphenyl	*123*		*70 - 135*	*03/12/21 12:00*	*03/12/21 14:27*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 03:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 03:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/16/21 14:00	03/17/21 03:55	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 03:55	1
Toluene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 03:55	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 03:55	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 03:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*106*		*70 - 130*	*03/16/21 14:00*	*03/17/21 03:55*	*1*
4-Bromofluorobenzene	*112*		*70 - 130*	*03/16/21 14:00*	*03/17/21 03:55*	*1*

Client Sample ID: BH-115

Date Collected: 03/10/21 11:53
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-26
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.7		5.02		mg/kg		03/12/21 13:10	03/12/21 14:13	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:49	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:49	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:49	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 135*	*03/12/21 12:00*	*03/12/21 14:49*	*1*
o-Terphenyl	*104*		*70 - 135*	*03/12/21 12:00*	*03/12/21 14:49*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 04:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 04:16	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/16/21 14:00	03/17/21 04:16	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 04:16	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-320-1
Project/Site: Fox 30 State Com Facility SDG: 212C-MD-02339

Client Sample ID: BH-115
Date Collected: 03/10/21 11:53
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-26
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 04:16	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 04:16	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*100*		*70 - 130*	*03/16/21 14:00*	*03/17/21 04:16*	*1*
4-Bromofluorobenzene	*104*		*70 - 130*	*03/16/21 14:00*	*03/17/21 04:16*	*1*

Client Sample ID: BH-116
Date Collected: 03/10/21 11:55
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-27
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1270		4.98		mg/kg		03/12/21 13:10	03/12/21 14:18	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 15:11	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 15:11	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 15:11	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 135*	*03/12/21 12:00*	*03/12/21 15:11*	*1*
o-Terphenyl	*71*		*70 - 135*	*03/12/21 12:00*	*03/12/21 15:11*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 05:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 05:40	1
m,p-Xylenes	<0.00397	U	0.00397		mg/kg		03/16/21 14:00	03/17/21 05:40	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 05:40	1
Toluene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 05:40	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 05:40	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 05:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*85*		*70 - 130*	*03/16/21 14:00*	*03/17/21 05:40*	*1*
4-Bromofluorobenzene	*97*		*70 - 130*	*03/16/21 14:00*	*03/17/21 05:40*	*1*

Client Sample ID: BH-117
Date Collected: 03/10/21 11:57
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-28
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7140		49.5		mg/kg		03/12/21 13:10	03/12/21 14:23	10

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 15:33	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-117

Date Collected: 03/10/21 11:57
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-28

Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 15:33	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 15:33	1
Total TPH	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 135*	*03/12/21 12:00*	*03/12/21 15:33*	*1*
o-Terphenyl	*75*		*70 - 135*	*03/12/21 12:00*	*03/12/21 15:33*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 06:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 06:00	1
m,p-Xylenes	<0.00397	U	0.00397		mg/kg		03/16/21 14:00	03/17/21 06:00	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 06:00	1
Toluene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 06:00	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 06:00	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 06:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*101*		*70 - 130*	*03/16/21 14:00*	*03/17/21 06:00*	*1*
4-Bromofluorobenzene	*111*		*70 - 130*	*03/16/21 14:00*	*03/17/21 06:00*	*1*

Client Sample ID: BH-118

Date Collected: 03/10/21 11:59
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-29

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3000**		24.8		mg/kg		03/12/21 13:10	03/12/21 14:28	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 15:55	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 15:55	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 15:55	1
Total TPH	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 135*	*03/12/21 12:00*	*03/12/21 15:55*	*1*
o-Terphenyl	*80*		*70 - 135*	*03/12/21 12:00*	*03/12/21 15:55*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 06:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 06:21	1
m,p-Xylenes	<0.00403	U	0.00403		mg/kg		03/16/21 14:00	03/17/21 06:21	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 06:21	1
Toluene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 06:21	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 06:21	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 06:21	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-118
Date Collected: 03/10/21 11:59
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-29
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	03/16/21 14:00	03/17/21 06:21	1
4-Bromofluorobenzene	111		70 - 130	03/16/21 14:00	03/17/21 06:21	1

Client Sample ID: BH-119
Date Collected: 03/10/21 12:01
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-30
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3370		24.8		mg/kg		03/12/21 13:10	03/12/21 14:33	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 16:16	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 16:16	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 16:16	1
Total TPH	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 135	03/12/21 12:00	03/12/21 16:16	1
o-Terphenyl	89		70 - 135	03/12/21 12:00	03/12/21 16:16	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 06:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 06:41	1
m,p-Xylenes	<0.00404	U	0.00404		mg/kg		03/16/21 14:00	03/17/21 06:41	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 06:41	1
Toluene	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 06:41	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 06:41	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/16/21 14:00	03/17/21 06:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	102		70 - 130	03/16/21 14:00	03/17/21 06:41	1
4-Bromofluorobenzene	114		70 - 130	03/16/21 14:00	03/17/21 06:41	1

Client Sample ID: BH-120
Date Collected: 03/10/21 12:03
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-31
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135		4.99		mg/kg		03/12/21 13:10	03/12/21 14:38	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 17:20	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 17:20	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 17:20	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 17:20	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-120

Date Collected: 03/10/21 12:03
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-31

Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 135*	*03/12/21 12:00*	*03/12/21 17:20*	*1*
o-Terphenyl	*70*		*70 - 135*	*03/12/21 12:00*	*03/12/21 17:20*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 07:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 07:02	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/16/21 14:00	03/17/21 07:02	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 07:02	1
Toluene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 07:02	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 07:02	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 07:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*100*		*70 - 130*	*03/16/21 14:00*	*03/17/21 07:02*	*1*
4-Bromofluorobenzene	*104*		*70 - 130*	*03/16/21 14:00*	*03/17/21 07:02*	*1*

Client Sample ID: BH-121

Date Collected: 03/10/21 12:05
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-32

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	327		5.03		mg/kg		03/12/21 13:10	03/12/21 14:53	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 17:42	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 17:42	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 17:42	1
Total TPH	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*68*	**	*70 - 135*	*03/12/21 12:00*	*03/12/21 17:42*	*1*
o-Terphenyl	*66*	**	*70 - 135*	*03/12/21 12:00*	*03/12/21 17:42*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 07:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 07:23	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/16/21 14:00	03/17/21 07:23	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 07:23	1
Toluene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 07:23	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 07:23	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 07:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*101*		*70 - 130*	*03/16/21 14:00*	*03/17/21 07:23*	*1*
4-Bromofluorobenzene	*109*		*70 - 130*	*03/16/21 14:00*	*03/17/21 07:23*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-122

Date Collected: 03/10/21 12:07
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-33
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.6		4.97		mg/kg		03/12/21 13:10	03/12/21 14:58	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 18:04	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 18:04	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 18:04	1
Total TPH	<49.8	U	49.8		mg/kg		03/12/21 12:00	03/12/21 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 135*	*03/12/21 12:00*	*03/12/21 18:04*	*1*
o-Terphenyl	*69*	**	*70 - 135*	*03/12/21 12:00*	*03/12/21 18:04*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 07:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 07:43	1
m,p-Xylenes	<0.00397	U	0.00397		mg/kg		03/16/21 14:00	03/17/21 07:43	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 07:43	1
Toluene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 07:43	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 07:43	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 07:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*104*		*70 - 130*	*03/16/21 14:00*	*03/17/21 07:43*	*1*
4-Bromofluorobenzene	*102*		*70 - 130*	*03/16/21 14:00*	*03/17/21 07:43*	*1*

Client Sample ID: BH-123

Date Collected: 03/10/21 12:09
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-34
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	454		5.05		mg/kg		03/12/21 13:10	03/12/21 15:13	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:25	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:25	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:25	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 135*	*03/12/21 12:00*	*03/12/21 18:25*	*1*
o-Terphenyl	*88*		*70 - 135*	*03/12/21 12:00*	*03/12/21 18:25*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 08:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 08:04	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/16/21 14:00	03/17/21 08:04	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 08:04	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-123
Date Collected: 03/10/21 12:09
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-34
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 08:04	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 08:04	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/16/21 14:00	03/17/21 08:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*101*		*70 - 130*	*03/16/21 14:00*	*03/17/21 08:04*	*1*
4-Bromofluorobenzene	*100*		*70 - 130*	*03/16/21 14:00*	*03/17/21 08:04*	*1*

Client Sample ID: SW-44
Date Collected: 03/10/21 12:15
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-35
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75.4**		4.98		mg/kg		03/12/21 13:10	03/12/21 15:18	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:47	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:47	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:47	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 135*	*03/12/21 12:00*	*03/12/21 18:47*	*1*
o-Terphenyl	*71*		*70 - 135*	*03/12/21 12:00*	*03/12/21 18:47*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 08:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 08:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/16/21 14:00	03/17/21 08:25	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 08:25	1
Toluene	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 08:25	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 08:25	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/16/21 14:00	03/17/21 08:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*108*		*70 - 130*	*03/16/21 14:00*	*03/17/21 08:25*	*1*
4-Bromofluorobenzene	*105*		*70 - 130*	*03/16/21 14:00*	*03/17/21 08:25*	*1*

Client Sample ID: SW-45
Date Collected: 03/10/21 12:17
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-36
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**461**		5.00		mg/kg		03/12/21 13:10	03/12/21 15:23	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-45

Date Collected: 03/10/21 12:17
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-36

Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:09	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:09	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 135*	*03/12/21 12:00*	*03/12/21 19:09*	*1*
o-Terphenyl	*101*		*70 - 135*	*03/12/21 12:00*	*03/12/21 19:09*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 08:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 08:46	1
m,p-Xylenes	<0.00397	U	0.00397		mg/kg		03/16/21 14:00	03/17/21 08:46	1
o-Xylene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 08:46	1
Toluene	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 08:46	1
Total BTEX	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 08:46	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		03/16/21 14:00	03/17/21 08:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*109*		*70 - 130*	*03/16/21 14:00*	*03/17/21 08:46*	*1*
4-Bromofluorobenzene	*101*		*70 - 130*	*03/16/21 14:00*	*03/17/21 08:46*	*1*

Client Sample ID: BH-124

Date Collected: 03/10/21 12:19
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-37

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**619**		5.00		mg/kg		03/12/21 13:10	03/12/21 15:28	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:30	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:30	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:30	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 135*	*03/12/21 12:00*	*03/12/21 19:30*	*1*
o-Terphenyl	*79*		*70 - 135*	*03/12/21 12:00*	*03/12/21 19:30*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 20:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 20:09	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/16/21 16:30	03/16/21 20:09	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 20:09	1
Toluene	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 20:09	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 20:09	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 20:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-124
Date Collected: 03/10/21 12:19
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-37
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	*100*		*70 - 130*	*03/16/21 16:30*	*03/16/21 20:09*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*	*03/16/21 16:30*	*03/16/21 20:09*	*1*

Client Sample ID: BH-125
Date Collected: 03/10/21 12:21
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-38
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**769**		5.04		mg/kg		03/12/21 13:10	03/12/21 15:33	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 19:52	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 19:52	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 19:52	1
Total TPH	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 19:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*91*		*70 - 135*	*03/12/21 12:00*	*03/12/21 19:52*	*1*
o-Terphenyl	*91*		*70 - 135*	*03/12/21 12:00*	*03/12/21 19:52*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 20:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 20:34	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/16/21 16:30	03/16/21 20:34	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 20:34	1
Toluene	**0.00213**		0.00201		mg/kg		03/16/21 16:30	03/16/21 20:34	1
Total BTEX	**0.00213**		0.00201		mg/kg		03/16/21 16:30	03/16/21 20:34	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 20:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	*105*		*70 - 130*	*03/16/21 16:30*	*03/16/21 20:34*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*	*03/16/21 16:30*	*03/16/21 20:34*	*1*

Client Sample ID: SW-46
Date Collected: 03/10/21 12:25
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-39
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**143**		4.95		mg/kg		03/12/21 13:10	03/12/21 15:38	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 20:13	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 20:13	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 20:13	1
Total TPH	<50.0	U	50.0		mg/kg		03/12/21 12:00	03/12/21 20:13	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-46
Date Collected: 03/10/21 12:25
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-39
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*132*	**	*70 - 135*	*03/12/21 12:00*	*03/12/21 20:13*	*1*
o-Terphenyl	*120*		*70 - 135*	*03/12/21 12:00*	*03/12/21 20:13*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 20:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 20:59	1
m,p-Xylenes	<0.00404	U	0.00404		mg/kg		03/16/21 16:30	03/16/21 20:59	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 20:59	1
Toluene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 20:59	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 20:59	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*118*		*70 - 130*	*03/16/21 16:30*	*03/16/21 20:59*	*1*
4-Bromofluorobenzene	*103*		*70 - 130*	*03/16/21 16:30*	*03/16/21 20:59*	*1*

Client Sample ID: BH-126
Date Collected: 03/10/21 12:27
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-40
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		25.0		mg/kg		03/12/21 13:10	03/12/21 15:43	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 20:35	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 20:35	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 20:35	1
Total TPH	<49.9	U	49.9		mg/kg		03/12/21 12:00	03/12/21 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*136*	**	*70 - 135*	*03/12/21 12:00*	*03/12/21 20:35*	*1*
o-Terphenyl	*124*		*70 - 135*	*03/12/21 12:00*	*03/12/21 20:35*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 21:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 21:24	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/16/21 16:30	03/16/21 21:24	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 21:24	1
Toluene	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 21:24	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 21:24	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*114*		*70 - 130*	*03/16/21 16:30*	*03/16/21 21:24*	*1*
4-Bromofluorobenzene	*102*		*70 - 130*	*03/16/21 16:30*	*03/16/21 21:24*	*1*

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-320-1
Project/Site: Fox 30 State Com Facility SDG: 212C-MD-02339

Client Sample ID: SW-50
Date Collected: 03/10/21 12:29
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-41
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2010		25.0		mg/kg		03/12/21 14:20	03/12/21 15:09	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/11/21 17:00	03/11/21 21:59	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/11/21 17:00	03/11/21 21:59	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/11/21 17:00	03/11/21 21:59	1
Total TPH	<49.9	U	49.9		mg/kg		03/11/21 17:00	03/11/21 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 135*	*03/11/21 17:00*	*03/11/21 21:59*	*1*
o-Terphenyl	*82*		*70 - 135*	*03/11/21 17:00*	*03/11/21 21:59*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 21:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 21:49	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		03/16/21 16:30	03/16/21 21:49	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 21:49	1
Toluene	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 21:49	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 21:49	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*119*		*70 - 130*	*03/16/21 16:30*	*03/16/21 21:49*	*1*
4-Bromofluorobenzene	*105*		*70 - 130*	*03/16/21 16:30*	*03/16/21 21:49*	*1*

Client Sample ID: SW-47
Date Collected: 03/10/21 12:31
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-42
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	359		5.02		mg/kg		03/12/21 14:20	03/12/21 15:26	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/11/21 17:00	03/11/21 23:02	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/11/21 17:00	03/11/21 23:02	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/11/21 17:00	03/11/21 23:02	1
Total TPH	<49.9	U	49.9		mg/kg		03/11/21 17:00	03/11/21 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 135*	*03/11/21 17:00*	*03/11/21 23:02*	*1*
o-Terphenyl	*70*		*70 - 135*	*03/11/21 17:00*	*03/11/21 23:02*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 22:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 22:14	1
m,p-Xylenes	<0.00404	U	0.00404		mg/kg		03/16/21 16:30	03/16/21 22:14	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 22:14	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-47
Date Collected: 03/10/21 12:31
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-42
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 22:14	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 22:14	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*116*		*70 - 130*	*03/16/21 16:30*	*03/16/21 22:14*	*1*
4-Bromofluorobenzene	*100*		*70 - 130*	*03/16/21 16:30*	*03/16/21 22:14*	*1*

Client Sample ID: BH-127
Date Collected: 03/10/21 12:33
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-43
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**149**		49.8		mg/kg		03/12/21 14:20	03/12/21 15:31	10

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/11/21 23:22	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/11/21 23:22	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/11/21 23:22	1
Total TPH	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/11/21 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 135*	*03/11/21 17:00*	*03/11/21 23:22*	*1*
o-Terphenyl	*75*		*70 - 135*	*03/11/21 17:00*	*03/11/21 23:22*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 22:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 22:39	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/16/21 16:30	03/16/21 22:39	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 22:39	1
Toluene	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 22:39	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 22:39	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/16/21 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*121*		*70 - 130*	*03/16/21 16:30*	*03/16/21 22:39*	*1*
4-Bromofluorobenzene	*111*		*70 - 130*	*03/16/21 16:30*	*03/16/21 22:39*	*1*

Client Sample ID: SW-51
Date Collected: 03/10/21 12:35
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-44
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1400**		25.0		mg/kg		03/12/21 14:20	03/12/21 15:37	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/11/21 23:43	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-51
Date Collected: 03/10/21 12:35
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-44
Matrix: Solid

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/11/21 23:43	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/11/21 23:43	1
Total TPH	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/11/21 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 135*	*03/11/21 17:00*	*03/11/21 23:43*	*1*
o-Terphenyl	*80*		*70 - 135*	*03/11/21 17:00*	*03/11/21 23:43*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 23:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 23:04	1
m,p-Xylenes	<0.00403	U	0.00403		mg/kg		03/16/21 16:30	03/16/21 23:04	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 23:04	1
Toluene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 23:04	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 23:04	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*119*		*70 - 130*	*03/16/21 16:30*	*03/16/21 23:04*	*1*
4-Bromofluorobenzene	*108*		*70 - 130*	*03/16/21 16:30*	*03/16/21 23:04*	*1*

Client Sample ID: SW-48
Date Collected: 03/10/21 12:37
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-45
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.1		5.00		mg/kg		03/12/21 14:20	03/12/21 15:42	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		03/11/21 17:00	03/12/21 00:04	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		03/11/21 17:00	03/12/21 00:04	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		03/11/21 17:00	03/12/21 00:04	1
Total TPH	<49.9	U	49.9		mg/kg		03/11/21 17:00	03/12/21 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 135*	*03/11/21 17:00*	*03/12/21 00:04*	*1*
o-Terphenyl	*79*		*70 - 135*	*03/11/21 17:00*	*03/12/21 00:04*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 23:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 23:29	1
m,p-Xylenes	<0.00403	U	0.00403		mg/kg		03/16/21 16:30	03/16/21 23:29	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 23:29	1
Toluene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 23:29	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 23:29	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/16/21 23:29	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-48
Date Collected: 03/10/21 12:37
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-45
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	120		70 - 130	03/16/21 16:30	03/16/21 23:29	1
4-Bromofluorobenzene	114		70 - 130	03/16/21 16:30	03/16/21 23:29	1

Client Sample ID: BH-128
Date Collected: 03/10/21 12:39
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-46
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	744		5.00		mg/kg		03/12/21 14:20	03/12/21 15:59	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 00:25	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 00:25	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 00:25	1
Total TPH	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 00:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 135	03/11/21 17:00	03/12/21 00:25	1
o-Terphenyl	81		70 - 135	03/11/21 17:00	03/12/21 00:25	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 23:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 23:55	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		03/16/21 16:30	03/16/21 23:55	1
o-Xylene	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 23:55	1
Toluene	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 23:55	1
Total BTEX	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 23:55	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		03/16/21 16:30	03/16/21 23:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	113		70 - 130	03/16/21 16:30	03/16/21 23:55	1
4-Bromofluorobenzene	106		70 - 130	03/16/21 16:30	03/16/21 23:55	1

Client Sample ID: SW-52
Date Collected: 03/10/21 12:41
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-47
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	552		4.98		mg/kg		03/12/21 10:00	03/12/21 11:11	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 00:45	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 00:45	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 00:45	1
Total TPH	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 00:45	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-52
Date Collected: 03/10/21 12:41
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-47
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 135*	*03/11/21 17:00*	*03/12/21 00:45*	*1*
o-Terphenyl	*78*		*70 - 135*	*03/11/21 17:00*	*03/12/21 00:45*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/17/21 01:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/17/21 01:35	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		03/16/21 16:30	03/17/21 01:35	1
o-Xylene	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/17/21 01:35	1
Toluene	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/17/21 01:35	1
Total BTEX	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/17/21 01:35	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		03/16/21 16:30	03/17/21 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*105*		*70 - 130*	*03/16/21 16:30*	*03/17/21 01:35*	*1*
4-Bromofluorobenzene	*96*		*70 - 130*	*03/16/21 16:30*	*03/17/21 01:35*	*1*

Client Sample ID: SW-49
Date Collected: 03/10/21 12:43
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-48
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		4.96		mg/kg		03/12/21 10:00	03/12/21 11:16	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		03/11/21 17:00	03/12/21 01:06	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		03/11/21 17:00	03/12/21 01:06	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		03/11/21 17:00	03/12/21 01:06	1
Total TPH	<49.8	U	49.8		mg/kg		03/11/21 17:00	03/12/21 01:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 135*	*03/11/21 17:00*	*03/12/21 01:06*	*1*
o-Terphenyl	*90*		*70 - 135*	*03/11/21 17:00*	*03/12/21 01:06*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/17/21 02:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/17/21 02:01	1
m,p-Xylenes	<0.00403	U	0.00403		mg/kg		03/16/21 16:30	03/17/21 02:01	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/17/21 02:01	1
Toluene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/17/21 02:01	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/17/21 02:01	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/17/21 02:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*106*		*70 - 130*	*03/16/21 16:30*	*03/17/21 02:01*	*1*
4-Bromofluorobenzene	*89*		*70 - 130*	*03/16/21 16:30*	*03/17/21 02:01*	*1*

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-320-1
Project/Site: Fox 30 State Com Facility SDG: 212C-MD-02339

Client Sample ID: BH-129
Date Collected: 03/10/21 12:45
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-49
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1530		25.1		mg/kg		03/12/21 10:00	03/12/21 11:21	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 01:27	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 01:27	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 01:27	1
Total TPH	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 135*	*03/11/21 17:00*	*03/12/21 01:27*	*1*
o-Terphenyl	*82*		*70 - 135*	*03/11/21 17:00*	*03/12/21 01:27*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/17/21 02:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/17/21 02:26	1
m,p-Xylenes	<0.00404	U	0.00404		mg/kg		03/16/21 16:30	03/17/21 02:26	1
o-Xylene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/17/21 02:26	1
Toluene	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/17/21 02:26	1
Total BTEX	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/17/21 02:26	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		03/16/21 16:30	03/17/21 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*118*		*70 - 130*	*03/16/21 16:30*	*03/17/21 02:26*	*1*
4-Bromofluorobenzene	*102*		*70 - 130*	*03/16/21 16:30*	*03/17/21 02:26*	*1*

Client Sample ID: SW-53
Date Collected: 03/10/21 12:47
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-50
Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	787		4.98		mg/kg		03/12/21 10:00	03/12/21 11:26	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 01:48	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 01:48	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 01:48	1
Total TPH	<50.0	U	50.0		mg/kg		03/11/21 17:00	03/12/21 01:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 135*	*03/11/21 17:00*	*03/12/21 01:48*	*1*
o-Terphenyl	*79*		*70 - 135*	*03/11/21 17:00*	*03/12/21 01:48*	*1*

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		03/16/21 16:30	03/17/21 02:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		03/16/21 16:30	03/17/21 02:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		03/16/21 16:30	03/17/21 02:52	1
o-Xylene	<0.00199	U	0.00199		mg/kg		03/16/21 16:30	03/17/21 02:52	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-53
Date Collected: 03/10/21 12:47
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-50
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00199	U	0.00199		mg/kg		03/16/21 16:30	03/17/21 02:52	1
Total BTEX	<0.00199	U	0.00199		mg/kg		03/16/21 16:30	03/17/21 02:52	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		03/16/21 16:30	03/17/21 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene	*112*		*70 - 130*	*03/16/21 16:30*	*03/17/21 02:52*	*1*
4-Bromofluorobenzene	*103*		*70 - 130*	*03/16/21 16:30*	*03/17/21 02:52*	*1*

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	1CO (70-135)	OTPH (70-135)										
691386-016	SW-43	89	79										
890-320-1	SW-28	94	84										
890-320-2	SW-29	86	78										
890-320-3	SW-30	92	82										
890-320-4	SW-31	90	80										
890-320-5	SW-32	93	84										
890-320-6	SW-33	104	87										
890-320-7	SW-34	86	78										
890-320-8	SW-35	86	77										
890-320-9	SW-36	89	79										
890-320-10	SW-37	89	79										
890-320-11	SW-38	90	79										
890-320-12	SW-39	94	86										
890-320-13	SW-40	114	103										
890-320-14	SW-41	89	79										
890-320-15	SW-42	97	85										
890-320-17	BH-106	91	84										
890-320-18	BH-107	94	84										
890-320-19	BH-108	92	83										
890-320-20	BH-109	96	89										
890-320-21	BH-110	97	96										
890-320-22	BH-111	76	73										
890-320-23	BH-112	85	80										
890-320-24	BH-113	113	104										
890-320-25	BH-114	135 **	123										
890-320-26	BH-115	119	104										
890-320-27	BH-116	78	71										
890-320-28	BH-117	77	75										
890-320-29	BH-118	82	80										
890-320-30	BH-119	88	89										
890-320-31	BH-120	73	70										
890-320-32	BH-121	68 **	66 **										
890-320-33	BH-122	71	69 **										
890-320-34	BH-123	97	88										
890-320-35	SW-44	79	71										
890-320-36	SW-45	110	101										
890-320-37	BH-124	79	79										
890-320-38	BH-125	91	91										
890-320-39	SW-46	132 **	120										
890-320-40	BH-126	136 **	124										
890-320-41	SW-50	93	82										
890-320-42	SW-47	83	70										
890-320-43	BH-127	88	75										
890-320-44	SW-51	90	80										
890-320-45	SW-48	92	79										
890-320-46	BH-128	91	81										
890-320-47	SW-52	92	78										
890-320-48	SW-49	105	90										
890-320-49	BH-129	94	82										

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-320-1
Project/Site: Fox 30 State Com Facility SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO (70-135)	OTPH (70-135)
890-320-50	SW-53	91	79

Surrogate Legend
1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Matrix: SOIL **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB (70-130)
691386-017 S	Matrix Spike	106
691386-017 SD	Matrix Spike Duplicate	108
691386-037 S	Matrix Spike	100
691386-037 SD	Matrix Spike Duplicate	101
7723306-1-BKS	Lab Control Sample	97
7723306-1-BLK	Method Blank	115
7723306-1-BSD	Lab Control Sample Dup	95
7723416-1-BKS	Lab Control Sample	103
7723416-1-BLK	Method Blank	101
7723416-1-BSD	Lab Control Sample Dup	100
7723437-1-BKS	Lab Control Sample	99
7723437-1-BLK	Method Blank	119
7723437-1-BSD	Lab Control Sample Dup	103
7723457-1-BKS	Lab Control Sample	96
7723457-1-BLK	Method Blank	62 **
7723457-1-BSD	Lab Control Sample Dup	104

Surrogate Legend
BFB = 4-Bromofluorobenzene

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB (70-130)	DFBZ (70-130)
691386-016	SW-43	112	101
890-320-1	SW-28	102	106
890-320-2	SW-29	103	103
890-320-3	SW-30	102	105
890-320-4	SW-31	113	108
890-320-5	SW-32	111	103
890-320-6	SW-33	113	105
890-320-7	SW-34	110	103
890-320-8	SW-35	120	101
890-320-9	SW-36	110	102
890-320-10	SW-37	112	105
890-320-11	SW-38	117	101
890-320-12	SW-39	111	104
890-320-13	SW-40	114	104

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-320-1
Project/Site: Fox 30 State Com Facility SDG: 212C-MD-02339

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		BFB	DFBZ								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
890-320-14	SW-41	118	103								
890-320-15	SW-42	112	104								
890-320-17	BH-106	99	95								
890-320-18	BH-107	106	103								
890-320-19	BH-108	107	100								
890-320-20	BH-109	107	99								
890-320-21	BH-110	110	97								
890-320-22	BH-111	108	101								
890-320-23	BH-112	105	98								
890-320-24	BH-113	106	100								
890-320-25	BH-114	112	106								
890-320-26	BH-115	104	100								
890-320-27	BH-116	97	85								
890-320-28	BH-117	111	101								
890-320-29	BH-118	111	103								
890-320-30	BH-119	114	102								
890-320-31	BH-120	104	100								
890-320-32	BH-121	109	101								
890-320-33	BH-122	102	104								
890-320-34	BH-123	100	101								
890-320-35	SW-44	105	108								
890-320-36	SW-45	101	109								
890-320-37	BH-124	93	100								
890-320-38	BH-125	93	105								
890-320-39	SW-46	103	118								
890-320-40	BH-126	102	114								
890-320-41	SW-50	105	119								
890-320-42	SW-47	100	116								
890-320-43	BH-127	111	121								
890-320-44	SW-51	108	119								
890-320-45	SW-48	114	120								
890-320-46	BH-128	106	113								
890-320-47	SW-52	96	105								
890-320-48	SW-49	89	106								
890-320-49	BH-129	102	118								
890-320-50	SW-53	103	112								

Surrogate Legend

BFB = 4-Bromofluorobenzene

DFBZ = 1,4-Difluorobenzene

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 7723178-1-BLK
Matrix: SOIL
Analysis Batch: 3153436

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153436_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/11/21 19:00	03/11/21 20:14	1

Lab Sample ID: 7723178-1-BKS
Matrix: SOIL
Analysis Batch: 3153436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153436_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	249		mg/kg		100	80 - 120

Lab Sample ID: 7723178-1-BSD
Matrix: SOIL
Analysis Batch: 3153436

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153436_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	251		mg/kg		100	80 - 120	1	20

Lab Sample ID: 7723180-1-BLK
Matrix: SOIL
Analysis Batch: 3153607

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153607_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/12/21 09:50	03/12/21 15:34	1

Lab Sample ID: 7723180-1-BKS
Matrix: SOIL
Analysis Batch: 3153607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153607_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	262		mg/kg		105	80 - 120

Lab Sample ID: 7723180-1-BSD
Matrix: SOIL
Analysis Batch: 3153607

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153607_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	262		mg/kg		105	80 - 120	0	20

Lab Sample ID: 7723181-1-BLK
Matrix: SOIL
Analysis Batch: 3153612

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153612_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/12/21 10:00	03/12/21 10:01	1

Lab Sample ID: 7723181-1-BKS
Matrix: SOIL
Analysis Batch: 3153612

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153612_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	245		mg/kg		98	80 - 120

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 7723181-1-BSD
Matrix: SOIL
Analysis Batch: 3153612

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153612_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	245		mg/kg		98	80 - 120	0	20

Lab Sample ID: 691386-008 S
Matrix: SOIL
Analysis Batch: 3153612

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3153612_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	640		250	874		mg/kg		94	80 - 120		

Lab Sample ID: 691386-008 SD
Matrix: SOIL
Analysis Batch: 3153612

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3153612_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	640		250	872		mg/kg		93	80 - 120	0	20

Lab Sample ID: 691386-050 S
Matrix: SOIL
Analysis Batch: 3153612

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3153612_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	787		249	1010		mg/kg		90	80 - 120		

Lab Sample ID: 691386-050 SD
Matrix: SOIL
Analysis Batch: 3153612

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3153612_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	787		249	1010		mg/kg		90	80 - 120	0	20

Lab Sample ID: 7723210-1-BLK
Matrix: SOIL
Analysis Batch: 3153615

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153615_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/12/21 13:10	03/12/21 13:13	1

Lab Sample ID: 7723210-1-BKS
Matrix: SOIL
Analysis Batch: 3153615

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153615_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	245		mg/kg		98	80 - 120		

Lab Sample ID: 7723210-1-BSD
Matrix: SOIL
Analysis Batch: 3153615

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153615_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	248		mg/kg		99	80 - 120	1	20

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 691386-021 S
Matrix: SOIL
Analysis Batch: 3153615

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3153615_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	6130		2500	8770		mg/kg		106	80 - 120

Lab Sample ID: 691386-021 SD
Matrix: SOIL
Analysis Batch: 3153615

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3153615_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6130		2500	8780		mg/kg		106	80 - 120	0	20

Lab Sample ID: 691386-031 S
Matrix: SOIL
Analysis Batch: 3153615

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3153615_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	135		250	395		mg/kg		104	80 - 120

Lab Sample ID: 691386-031 SD
Matrix: SOIL
Analysis Batch: 3153615

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3153615_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	135		250	396		mg/kg		104	80 - 120	0	20

Lab Sample ID: 7723211-1-BLK
Matrix: SOIL
Analysis Batch: 3153616

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153616_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		03/12/21 14:20	03/12/21 14:52	1

Lab Sample ID: 7723211-1-BKS
Matrix: SOIL
Analysis Batch: 3153616

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153616_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	242		mg/kg		97	80 - 120

Lab Sample ID: 7723211-1-BSD
Matrix: SOIL
Analysis Batch: 3153616

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153616_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	243		mg/kg		97	80 - 120	0	20

Lab Sample ID: 691386-041 S
Matrix: SOIL
Analysis Batch: 3153616

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3153616_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	2010		1250	3300		mg/kg		103	80 - 120

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 691386-041 SD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3153616 — **Prep Batch: 3153616_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	2010		1250	3290		mg/kg		102	80 - 120	0	20

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Lab Sample ID: 7723154-1-BLK — **Client Sample ID: Method Blank**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3153457 — **Prep Batch: 3153457_P**

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		03/11/21 17:00	03/11/21 20:56	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		03/11/21 17:00	03/11/21 20:56	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		03/11/21 17:00	03/11/21 20:56	1

Lab Sample ID: 7723154-1-BKS — **Client Sample ID: Lab Control Sample**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3153457 — **Prep Batch: 3153457_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	1000	927		mg/kg		93	70 - 135
Gasoline Range Hydrocarbons (GRO)	1000	953		mg/kg		95	70 - 135

Lab Sample ID: 7723154-1-BSD — **Client Sample ID: Lab Control Sample Dup**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3153457 — **Prep Batch: 3153457_P**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	1000	947		mg/kg		95	70 - 135	2	20
Gasoline Range Hydrocarbons (GRO)	1000	980		mg/kg		98	70 - 135	3	20

Lab Sample ID: 691386-041 S — **Client Sample ID: Matrix Spike**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3153457 — **Prep Batch: 3153457_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	<50		999	845		mg/kg		85	70 - 135
Gasoline Range Hydrocarbons (GRO)	<50		999	912		mg/kg		91	70 - 135

Lab Sample ID: 691386-041 SD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: SOIL — **Prep Type: Total/NA**
Analysis Batch: 3153457 — **Prep Batch: 3153457_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	<50		1000	848		mg/kg		85	70 - 135	0	20
Gasoline Range Hydrocarbons (GRO)	<50		1000	908		mg/kg		91	70 - 135	0	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Lab Sample ID: 7723246-1-BLK
Matrix: SOIL
Analysis Batch: 3153681

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153681_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		03/12/21 12:00	03/12/21 11:11	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		03/12/21 12:00	03/12/21 11:11	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		03/12/21 12:00	03/12/21 11:11	1

Lab Sample ID: 7723246-1-BKS
Matrix: SOIL
Analysis Batch: 3153681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153681_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	1000	920		mg/kg		92	70 - 135
Gasoline Range Hydrocarbons (GRO)	1000	941		mg/kg		94	70 - 135

Lab Sample ID: 7723246-1-BSD
Matrix: SOIL
Analysis Batch: 3153681

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153681_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	1000	946		mg/kg		95	70 - 135	3	20
Gasoline Range Hydrocarbons (GRO)	1000	948		mg/kg		95	70 - 135	1	20

Lab Sample ID: 691386-001 S
Matrix: SOIL
Analysis Batch: 3153681

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3153681_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	<49.9		999	955		mg/kg		96	70 - 135
Gasoline Range Hydrocarbons (GRO)	<49.9		999	933		mg/kg		93	70 - 135

Lab Sample ID: 691386-001 SD
Matrix: SOIL
Analysis Batch: 3153681

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3153681_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	<49.9		997	927		mg/kg		93	70 - 135	3	20
Gasoline Range Hydrocarbons (GRO)	<49.9		997	923		mg/kg		93	70 - 135	1	20

Lab Sample ID: 7723250-1-BLK
Matrix: SOIL
Analysis Batch: 3153685

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153685_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		03/12/21 12:00	03/12/21 11:11	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		03/12/21 12:00	03/12/21 11:11	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		03/12/21 12:00	03/12/21 11:11	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Lab Sample ID: 7723250-1-BKS
Matrix: SOIL
Analysis Batch: 3153685

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153685_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics (DRO)			1000	895		mg/kg		90	70 - 135		
Gasoline Range Hydrocarbons (GRO)			1000	953		mg/kg		95	70 - 135		

Lab Sample ID: 7723250-1-BSD
Matrix: SOIL
Analysis Batch: 3153685

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153685_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)			1000	867		mg/kg		87	70 - 135	3	20
Gasoline Range Hydrocarbons (GRO)			1000	904		mg/kg		90	70 - 135	5	20

Lab Sample ID: 691386-021 S
Matrix: SOIL
Analysis Batch: 3153685

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3153685_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics (DRO)	<50		997	1040		mg/kg		104	70 - 135		
Gasoline Range Hydrocarbons (GRO)	<50		997	1020		mg/kg		102	70 - 135		

Lab Sample ID: 691386-021 SD
Matrix: SOIL
Analysis Batch: 3153685

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3153685_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	<50		999	919		mg/kg		92	70 - 135	12	20
Gasoline Range Hydrocarbons (GRO)	<50		999	840		mg/kg		84	70 - 135	19	20

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Lab Sample ID: 7723306-1-BLK
Matrix: SOIL
Analysis Batch: 3153618

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153618_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/14/21 11:45	03/15/21 10:04	1
Ethylbenzene	<.002	U	.002		mg/kg		03/14/21 11:45	03/15/21 10:04	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/14/21 11:45	03/15/21 10:04	1
o-Xylene	<.002	U	.002		mg/kg		03/14/21 11:45	03/15/21 10:04	1
Toluene	<.002	U	.002		mg/kg		03/14/21 11:45	03/15/21 10:04	1

Surrogate	*BLANK %Recovery*	*BLANK Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*115*		*70 - 130*	*03/14/21 11:45*	*03/15/21 10:04*	*1*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

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

Lab Sample ID: 7723306-1-BKS
Matrix: SOIL
Analysis Batch: 3153618

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153618_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			.1	0.111		mg/kg		111	70 - 130		
Ethylbenzene			.1	0.0957		mg/kg		96	71 - 129		
m,p-Xylenes			.2	0.190		mg/kg		95	70 - 135		
o-Xylene			.1	0.0932		mg/kg		93	71 - 133		
Toluene			.1	0.100		mg/kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*

Lab Sample ID: 7723306-1-BSD
Matrix: SOIL
Analysis Batch: 3153618

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153618_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			.1	0.102		mg/kg		102	70 - 130	8	35
Ethylbenzene			.1	0.0906		mg/kg		91	71 - 129	5	35
m,p-Xylenes			.2	0.176		mg/kg		88	70 - 135	8	35
o-Xylene			.1	0.0880		mg/kg		88	71 - 133	6	35
Toluene			.1	0.0939		mg/kg		94	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 130*

Lab Sample ID: 7723416-1-BLK
Matrix: SOIL
Analysis Batch: 3153763

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153763_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/15/21 17:00	03/16/21 02:22	1
Ethylbenzene	<.002	U	.002		mg/kg		03/15/21 17:00	03/16/21 02:22	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/15/21 17:00	03/16/21 02:22	1
o-Xylene	<.002	U	.002		mg/kg		03/15/21 17:00	03/16/21 02:22	1
Toluene	<.002	U	.002		mg/kg		03/15/21 17:00	03/16/21 02:22	1

Surrogate	*BLANK %Recovery*	*BLANK Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*	*03/15/21 17:00*	*03/16/21 02:22*	*1*

Lab Sample ID: 7723416-1-BKS
Matrix: SOIL
Analysis Batch: 3153763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153763_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			.1	0.108		mg/kg		108	70 - 130		
Ethylbenzene			.1	0.106		mg/kg		106	71 - 129		
m,p-Xylenes			.2	0.213		mg/kg		107	70 - 135		
o-Xylene			.1	0.110		mg/kg		110	71 - 133		
Toluene			.1	0.106		mg/kg		106	70 - 130		

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

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

Lab Sample ID: 7723416-1-BKS
Matrix: SOIL
Analysis Batch: 3153763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153763_P

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	103		70 - 130

Lab Sample ID: 7723416-1-BSD
Matrix: SOIL
Analysis Batch: 3153763

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153763_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			.1	0.103		mg/kg		103	70 - 130	5	35
Ethylbenzene			.1	0.102		mg/kg		102	71 - 129	4	35
m,p-Xylenes			.2	0.205		mg/kg		103	70 - 135	4	35
o-Xylene			.1	0.105		mg/kg		105	71 - 133	5	35
Toluene			.1	0.103		mg/kg		103	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	100		70 - 130

Lab Sample ID: 7723437-1-BLK
Matrix: SOIL
Analysis Batch: 3153883

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153883_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/16/21 14:00	03/17/21 00:48	1
Ethylbenzene	<.002	U	.002		mg/kg		03/16/21 14:00	03/17/21 00:48	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/16/21 14:00	03/17/21 00:48	1
o-Xylene	<.002	U	.002		mg/kg		03/16/21 14:00	03/17/21 00:48	1
Toluene	<.002	U	.002		mg/kg		03/16/21 14:00	03/17/21 00:48	1

Surrogate	BLANK %Recovery	BLANK Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	119		70 - 130	03/16/21 14:00	03/17/21 00:48	1

Lab Sample ID: 7723437-1-BKS
Matrix: SOIL
Analysis Batch: 3153883

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153883_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene			.1	0.0937		mg/kg		94	70 - 130
Ethylbenzene			.1	0.0913		mg/kg		91	71 - 129
m,p-Xylenes			.2	0.183		mg/kg		92	70 - 135
o-Xylene			.1	0.0914		mg/kg		91	71 - 133
Toluene			.1	0.0928		mg/kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	99		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

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

Lab Sample ID: 7723437-1-BSD
Matrix: SOIL
Analysis Batch: 3153883

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153883_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			.1	0.0960		mg/kg		96	70 - 130	2	35
Ethylbenzene			.1	0.0938		mg/kg		94	71 - 129	3	35
m,p-Xylenes			.2	0.191		mg/kg		96	70 - 135	4	35
o-Xylene			.1	0.0952		mg/kg		95	71 - 133	4	35
Toluene			.1	0.0976		mg/kg		98	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*

Lab Sample ID: 691386-017 S
Matrix: SOIL
Analysis Batch: 3153883

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3153883_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<.002		.1	0.0728		mg/kg		73	70 - 130
Ethylbenzene	<.002		.1	0.0724		mg/kg		72	71 - 129
m,p-Xylenes	<.00399		.2	0.144		mg/kg		72	70 - 135
o-Xylene	<.002		.1	0.0701		mg/kg		70	71 - 133
Toluene	<.002		.1	0.0736		mg/kg		74	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*70 - 130*

Lab Sample ID: 691386-017 SD
Matrix: SOIL
Analysis Batch: 3153883

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3153883_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<.002		.0998	0.0807		mg/kg		81	70 - 130	10	35
Ethylbenzene	<.002		.0998	0.0739		mg/kg		74	71 - 129	2	35
m,p-Xylenes	<.00399		.2	0.145		mg/kg		73	70 - 135	1	35
o-Xylene	<.002		.0998	0.0702		mg/kg		70	71 - 133	0	35
Toluene	<.002		.0998	0.0799		mg/kg		80	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 130*

Lab Sample ID: 7723457-1-BLK
Matrix: SOIL
Analysis Batch: 3153889

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153889_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		03/16/21 16:30	03/16/21 19:43	1
Ethylbenzene	<.002	U	.002		mg/kg		03/16/21 16:30	03/16/21 19:43	1
m,p-Xylenes	<.004	U	.004		mg/kg		03/16/21 16:30	03/16/21 19:43	1
o-Xylene	<.002	U	.002		mg/kg		03/16/21 16:30	03/16/21 19:43	1
Toluene	<.002	U	.002		mg/kg		03/16/21 16:30	03/16/21 19:43	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

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

Lab Sample ID: 7723457-1-BLK
Matrix: SOIL
Analysis Batch: 3153889

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153889_P

Surrogate	BLANK %Recovery	BLANK Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	62	**	70 - 130	03/16/21 16:30	03/16/21 19:43	1

Lab Sample ID: 7723457-1-BKS
Matrix: SOIL
Analysis Batch: 3153889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153889_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			.1	0.107		mg/kg		107	70 - 130		
Ethylbenzene			.1	0.0993		mg/kg		99	71 - 129		
m,p-Xylenes			.2	0.204		mg/kg		102	70 - 135		
o-Xylene			.1	0.105		mg/kg		105	71 - 133		
Toluene			.1	0.0915		mg/kg		92	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	96		70 - 130

Lab Sample ID: 7723457-1-BSD
Matrix: SOIL
Analysis Batch: 3153889

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153889_P

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			.1	0.113		mg/kg		113	70 - 130	5	35
Ethylbenzene			.1	0.108		mg/kg		108	71 - 129	8	35
m,p-Xylenes			.2	0.224		mg/kg		112	70 - 135	9	35
o-Xylene			.1	0.111		mg/kg		111	71 - 133	6	35
Toluene			.1	0.101		mg/kg		101	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	104		70 - 130

Lab Sample ID: 691386-037 S
Matrix: SOIL
Analysis Batch: 3153889

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3153889_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<.00201		.101	0.0915		mg/kg		91	70 - 130		
Ethylbenzene	<.00201		.101	0.0758		mg/kg		75	71 - 129		
m,p-Xylenes	<.00402		.202	0.164		mg/kg		81	70 - 135		
o-Xylene	<.00201		.101	0.0817		mg/kg		81	71 - 133		
Toluene	<.00201		.101	0.0750		mg/kg		74	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	100		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

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

Lab Sample ID: 691386-037 SD
Matrix: SOIL
Analysis Batch: 3153889

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3153889_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<.00201		.101	0.0795		mg/kg		79	70 - 130	14	35
Ethylbenzene	<.00201		.101	0.0721		mg/kg		71	71 - 129	5	35
m,p-Xylenes	<.00402		.201	0.157		mg/kg		78	70 - 135	4	35
o-Xylene	<.00201		.101	0.0776		mg/kg		77	71 - 133	5	35
Toluene	<.00201		.101	0.0716		mg/kg		71	70 - 130	5	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Subcontract

Analysis Batch: 3153436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-1	SW-28	Total/NA	Solid	300.0 - Chloride	3153436_P
890-320-2	SW-29	Total/NA	Solid	300.0 - Chloride	3153436_P
890-320-3	SW-30	Total/NA	Solid	300.0 - Chloride	3153436_P
890-320-4	SW-31	Total/NA	Solid	300.0 - Chloride	3153436_P
7723178-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3153436_P
7723178-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3153436_P
7723178-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3153436_P

Analysis Batch: 3153457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-41	SW-50	Total/NA	Solid	8015 NM - TPH	3153457_P
890-320-42	SW-47	Total/NA	Solid	8015 NM - TPH	3153457_P
890-320-43	BH-127	Total/NA	Solid	8015 NM - TPH	3153457_P
890-320-44	SW-51	Total/NA	Solid	8015 NM - TPH	3153457_P
890-320-45	SW-48	Total/NA	Solid	8015 NM - TPH	3153457_P
890-320-46	BH-128	Total/NA	Solid	8015 NM - TPH	3153457_P
890-320-47	SW-52	Total/NA	Solid	8015 NM - TPH	3153457_P
890-320-48	SW-49	Total/NA	Solid	8015 NM - TPH	3153457_P
890-320-49	BH-129	Total/NA	Solid	8015 NM - TPH	3153457_P
890-320-50	SW-53	Total/NA	Solid	8015 NM - TPH	3153457_P
7723154-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3153457_P
7723154-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3153457_P
7723154-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3153457_P
691386-041 S	Matrix Spike	Total/NA	SOIL	8015 NM - TPH	3153457_P
691386-041 SD	Matrix Spike Duplicate	Total/NA	SOIL	8015 NM - TPH	3153457_P

Analysis Batch: 3153607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-5	SW-32	Total/NA	Solid	300.0 - Chloride	3153607_P
890-320-6	SW-33	Total/NA	Solid	300.0 - Chloride	3153607_P
890-320-7	SW-34	Total/NA	Solid	300.0 - Chloride	3153607_P
7723180-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3153607_P
7723180-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3153607_P
7723180-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3153607_P

Analysis Batch: 3153612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
691386-016	SW-43	Total/NA	Solid	300.0 - Chloride	3153612_P
890-320-8	SW-35	Total/NA	Solid	300.0 - Chloride	3153612_P
890-320-9	SW-36	Total/NA	Solid	300.0 - Chloride	3153612_P
890-320-10	SW-37	Total/NA	Solid	300.0 - Chloride	3153612_P
890-320-11	SW-38	Total/NA	Solid	300.0 - Chloride	3153612_P
890-320-12	SW-39	Total/NA	Solid	300.0 - Chloride	3153612_P
890-320-13	SW-40	Total/NA	Solid	300.0 - Chloride	3153612_P
890-320-14	SW-41	Total/NA	Solid	300.0 - Chloride	3153612_P
890-320-15	SW-42	Total/NA	Solid	300.0 - Chloride	3153612_P
890-320-17	BH-106	Total/NA	Solid	300.0 - Chloride	3153612_P
890-320-18	BH-107	Total/NA	Solid	300.0 - Chloride	3153612_P
890-320-19	BH-108	Total/NA	Solid	300.0 - Chloride	3153612_P
890-320-20	BH-109	Total/NA	Solid	300.0 - Chloride	3153612_P
890-320-47	SW-52	Total/NA	Solid	300.0 - Chloride	3153612_P

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Subcontract (Continued)

Analysis Batch: 3153612 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-48	SW-49	Total/NA	Solid	300.0 - Chloride	3153612_P
890-320-49	BH-129	Total/NA	Solid	300.0 - Chloride	3153612_P
890-320-50	SW-53	Total/NA	Solid	300.0 - Chloride	3153612_P
7723181-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3153612_P
7723181-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3153612_P
7723181-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3153612_P
691386-008 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3153612_P
691386-008 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3153612_P
691386-050 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3153612_P
691386-050 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3153612_P

Analysis Batch: 3153615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-21	BH-110	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-22	BH-111	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-23	BH-112	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-24	BH-113	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-25	BH-114	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-26	BH-115	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-27	BH-116	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-28	BH-117	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-29	BH-118	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-30	BH-119	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-31	BH-120	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-32	BH-121	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-33	BH-122	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-34	BH-123	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-35	SW-44	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-36	SW-45	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-37	BH-124	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-38	BH-125	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-39	SW-46	Total/NA	Solid	300.0 - Chloride	3153615_P
890-320-40	BH-126	Total/NA	Solid	300.0 - Chloride	3153615_P
7723210-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3153615_P
7723210-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3153615_P
7723210-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3153615_P
691386-021 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3153615_P
691386-021 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3153615_P
691386-031 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3153615_P
691386-031 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3153615_P

Analysis Batch: 3153616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-41	SW-50	Total/NA	Solid	300.0 - Chloride	3153616_P
890-320-42	SW-47	Total/NA	Solid	300.0 - Chloride	3153616_P
890-320-43	BH-127	Total/NA	Solid	300.0 - Chloride	3153616_P
890-320-44	SW-51	Total/NA	Solid	300.0 - Chloride	3153616_P
890-320-45	SW-48	Total/NA	Solid	300.0 - Chloride	3153616_P
890-320-46	BH-128	Total/NA	Solid	300.0 - Chloride	3153616_P
7723211-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3153616_P
7723211-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3153616_P

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Subcontract (Continued)

Analysis Batch: 3153616 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
7723211-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3153616_P
691386-041 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3153616_P
691386-041 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3153616_P

Analysis Batch: 3153618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-1	SW-28	Total/NA	Solid	8021B - BTEX	3153618_P
890-320-2	SW-29	Total/NA	Solid	8021B - BTEX	3153618_P
890-320-3	SW-30	Total/NA	Solid	8021B - BTEX	3153618_P
890-320-4	SW-31	Total/NA	Solid	8021B - BTEX	3153618_P
7723306-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3153618_P
7723306-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3153618_P
7723306-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3153618_P

Analysis Batch: 3153681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
691386-016	SW-43	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-1	SW-28	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-2	SW-29	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-3	SW-30	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-4	SW-31	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-5	SW-32	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-6	SW-33	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-7	SW-34	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-8	SW-35	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-9	SW-36	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-10	SW-37	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-11	SW-38	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-12	SW-39	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-13	SW-40	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-14	SW-41	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-15	SW-42	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-17	BH-106	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-18	BH-107	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-19	BH-108	Total/NA	Solid	8015 NM - TPH	3153681_P
890-320-20	BH-109	Total/NA	Solid	8015 NM - TPH	3153681_P
7723246-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3153681_P
7723246-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3153681_P
7723246-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3153681_P
691386-001 S	Matrix Spike	Total/NA	SOIL	8015 NM - TPH	3153681_P
691386-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	8015 NM - TPH	3153681_P

Analysis Batch: 3153685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-21	BH-110	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-22	BH-111	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-23	BH-112	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-24	BH-113	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-25	BH-114	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-26	BH-115	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-27	BH-116	Total/NA	Solid	8015 NM - TPH	3153685_P

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Subcontract (Continued)

Analysis Batch: 3153685 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-28	BH-117	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-29	BH-118	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-30	BH-119	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-31	BH-120	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-32	BH-121	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-33	BH-122	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-34	BH-123	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-35	SW-44	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-36	SW-45	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-37	BH-124	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-38	BH-125	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-39	SW-46	Total/NA	Solid	8015 NM - TPH	3153685_P
890-320-40	BH-126	Total/NA	Solid	8015 NM - TPH	3153685_P
7723250-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3153685_P
7723250-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3153685_P
7723250-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3153685_P
691386-021 S	Matrix Spike	Total/NA	SOIL	8015 NM - TPH	3153685_P
691386-021 SD	Matrix Spike Duplicate	Total/NA	SOIL	8015 NM - TPH	3153685_P

Analysis Batch: 3153763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
691386-016	SW-43	Total/NA	Solid	8021B - BTEX	3153763_P
890-320-5	SW-32	Total/NA	Solid	8021B - BTEX	3153763_P
890-320-6	SW-33	Total/NA	Solid	8021B - BTEX	3153763_P
890-320-7	SW-34	Total/NA	Solid	8021B - BTEX	3153763_P
890-320-8	SW-35	Total/NA	Solid	8021B - BTEX	3153763_P
890-320-9	SW-36	Total/NA	Solid	8021B - BTEX	3153763_P
890-320-10	SW-37	Total/NA	Solid	8021B - BTEX	3153763_P
890-320-11	SW-38	Total/NA	Solid	8021B - BTEX	3153763_P
890-320-12	SW-39	Total/NA	Solid	8021B - BTEX	3153763_P
890-320-13	SW-40	Total/NA	Solid	8021B - BTEX	3153763_P
890-320-14	SW-41	Total/NA	Solid	8021B - BTEX	3153763_P
890-320-15	SW-42	Total/NA	Solid	8021B - BTEX	3153763_P
7723416-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3153763_P
7723416-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3153763_P
7723416-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3153763_P

Analysis Batch: 3153883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-17	BH-106	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-18	BH-107	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-19	BH-108	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-20	BH-109	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-21	BH-110	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-22	BH-111	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-23	BH-112	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-24	BH-113	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-25	BH-114	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-26	BH-115	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-27	BH-116	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-28	BH-117	Total/NA	Solid	8021B - BTEX	3153883_P

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Subcontract (Continued)

Analysis Batch: 3153883 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-29	BH-118	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-30	BH-119	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-31	BH-120	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-32	BH-121	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-33	BH-122	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-34	BH-123	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-35	SW-44	Total/NA	Solid	8021B - BTEX	3153883_P
890-320-36	SW-45	Total/NA	Solid	8021B - BTEX	3153883_P
7723437-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3153883_P
7723437-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3153883_P
7723437-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3153883_P
691386-017 S	Matrix Spike	Total/NA	SOIL	8021B - BTEX	3153883_P
691386-017 SD	Matrix Spike Duplicate	Total/NA	SOIL	8021B - BTEX	3153883_P

Analysis Batch: 3153889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-37	BH-124	Total/NA	Solid	8021B - BTEX	3153889_P
890-320-38	BH-125	Total/NA	Solid	8021B - BTEX	3153889_P
890-320-39	SW-46	Total/NA	Solid	8021B - BTEX	3153889_P
890-320-40	BH-126	Total/NA	Solid	8021B - BTEX	3153889_P
890-320-41	SW-50	Total/NA	Solid	8021B - BTEX	3153889_P
890-320-42	SW-47	Total/NA	Solid	8021B - BTEX	3153889_P
890-320-43	BH-127	Total/NA	Solid	8021B - BTEX	3153889_P
890-320-44	SW-51	Total/NA	Solid	8021B - BTEX	3153889_P
890-320-45	SW-48	Total/NA	Solid	8021B - BTEX	3153889_P
890-320-46	BH-128	Total/NA	Solid	8021B - BTEX	3153889_P
890-320-47	SW-52	Total/NA	Solid	8021B - BTEX	3153889_P
890-320-48	SW-49	Total/NA	Solid	8021B - BTEX	3153889_P
890-320-49	BH-129	Total/NA	Solid	8021B - BTEX	3153889_P
890-320-50	SW-53	Total/NA	Solid	8021B - BTEX	3153889_P
7723457-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3153889_P
7723457-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3153889_P
7723457-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3153889_P
691386-037 S	Matrix Spike	Total/NA	SOIL	8021B - BTEX	3153889_P
691386-037 SD	Matrix Spike Duplicate	Total/NA	SOIL	8021B - BTEX	3153889_P

Prep Batch: 3153436_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-1	SW-28	Total/NA	Solid	E300P	
890-320-2	SW-29	Total/NA	Solid	E300P	
890-320-3	SW-30	Total/NA	Solid	E300P	
890-320-4	SW-31	Total/NA	Solid	E300P	
7723178-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7723178-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7723178-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3153457_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-41	SW-50	Total/NA	Solid	SW8015P	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3153457_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-42	SW-47	Total/NA	Solid	SW8015P	
890-320-43	BH-127	Total/NA	Solid	SW8015P	
890-320-44	SW-51	Total/NA	Solid	SW8015P	
890-320-45	SW-48	Total/NA	Solid	SW8015P	
890-320-46	BH-128	Total/NA	Solid	SW8015P	
890-320-47	SW-52	Total/NA	Solid	SW8015P	
890-320-48	SW-49	Total/NA	Solid	SW8015P	
890-320-49	BH-129	Total/NA	Solid	SW8015P	
890-320-50	SW-53	Total/NA	Solid	SW8015P	
7723154-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7723154-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7723154-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
691386-041 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
691386-041 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3153607_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-5	SW-32	Total/NA	Solid	E300P	
890-320-6	SW-33	Total/NA	Solid	E300P	
890-320-7	SW-34	Total/NA	Solid	E300P	
7723180-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7723180-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7723180-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3153612_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
691386-016	SW-43	Total/NA	Solid	E300P	
890-320-8	SW-35	Total/NA	Solid	E300P	
890-320-9	SW-36	Total/NA	Solid	E300P	
890-320-10	SW-37	Total/NA	Solid	E300P	
890-320-11	SW-38	Total/NA	Solid	E300P	
890-320-12	SW-39	Total/NA	Solid	E300P	
890-320-13	SW-40	Total/NA	Solid	E300P	
890-320-14	SW-41	Total/NA	Solid	E300P	
890-320-15	SW-42	Total/NA	Solid	E300P	
890-320-17	BH-106	Total/NA	Solid	E300P	
890-320-18	BH-107	Total/NA	Solid	E300P	
890-320-19	BH-108	Total/NA	Solid	E300P	
890-320-20	BH-109	Total/NA	Solid	E300P	
890-320-47	SW-52	Total/NA	Solid	E300P	
890-320-48	SW-49	Total/NA	Solid	E300P	
890-320-49	BH-129	Total/NA	Solid	E300P	
890-320-50	SW-53	Total/NA	Solid	E300P	
7723181-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3153612_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
7723181-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7723181-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
691386-008 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
691386-008 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	
691386-050 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
691386-050 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3153615_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-21	BH-110	Total/NA	Solid	E300P	
890-320-22	BH-111	Total/NA	Solid	E300P	
890-320-23	BH-112	Total/NA	Solid	E300P	
890-320-24	BH-113	Total/NA	Solid	E300P	
890-320-25	BH-114	Total/NA	Solid	E300P	
890-320-26	BH-115	Total/NA	Solid	E300P	
890-320-27	BH-116	Total/NA	Solid	E300P	
890-320-28	BH-117	Total/NA	Solid	E300P	
890-320-29	BH-118	Total/NA	Solid	E300P	
890-320-30	BH-119	Total/NA	Solid	E300P	
890-320-31	BH-120	Total/NA	Solid	E300P	
890-320-32	BH-121	Total/NA	Solid	E300P	
890-320-33	BH-122	Total/NA	Solid	E300P	
890-320-34	BH-123	Total/NA	Solid	E300P	
890-320-35	SW-44	Total/NA	Solid	E300P	
890-320-36	SW-45	Total/NA	Solid	E300P	
890-320-37	BH-124	Total/NA	Solid	E300P	
890-320-38	BH-125	Total/NA	Solid	E300P	
890-320-39	SW-46	Total/NA	Solid	E300P	
890-320-40	BH-126	Total/NA	Solid	E300P	
7723210-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7723210-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7723210-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
691386-021 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
691386-021 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	
691386-031 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
691386-031 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3153616_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-41	SW-50	Total/NA	Solid	E300P	
890-320-42	SW-47	Total/NA	Solid	E300P	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3153616_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-43	BH-127	Total/NA	Solid	E300P	
890-320-44	SW-51	Total/NA	Solid	E300P	
890-320-45	SW-48	Total/NA	Solid	E300P	
890-320-46	BH-128	Total/NA	Solid	E300P	
7723211-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7723211-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7723211-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
691386-041 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
691386-041 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3153618_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-1	SW-28	Total/NA	Solid	SW5035A	
890-320-2	SW-29	Total/NA	Solid	SW5035A	
890-320-3	SW-30	Total/NA	Solid	SW5035A	
890-320-4	SW-31	Total/NA	Solid	SW5035A	
7723306-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7723306-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7723306-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	

Prep Batch: 3153681_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
691386-016	SW-43	Total/NA	Solid	SW8015P	
890-320-1	SW-28	Total/NA	Solid	SW8015P	
890-320-2	SW-29	Total/NA	Solid	SW8015P	
890-320-3	SW-30	Total/NA	Solid	SW8015P	
890-320-4	SW-31	Total/NA	Solid	SW8015P	
890-320-5	SW-32	Total/NA	Solid	SW8015P	
890-320-6	SW-33	Total/NA	Solid	SW8015P	
890-320-7	SW-34	Total/NA	Solid	SW8015P	
890-320-8	SW-35	Total/NA	Solid	SW8015P	
890-320-9	SW-36	Total/NA	Solid	SW8015P	
890-320-10	SW-37	Total/NA	Solid	SW8015P	
890-320-11	SW-38	Total/NA	Solid	SW8015P	
890-320-12	SW-39	Total/NA	Solid	SW8015P	
890-320-13	SW-40	Total/NA	Solid	SW8015P	
890-320-14	SW-41	Total/NA	Solid	SW8015P	
890-320-15	SW-42	Total/NA	Solid	SW8015P	
890-320-17	BH-106	Total/NA	Solid	SW8015P	
890-320-18	BH-107	Total/NA	Solid	SW8015P	
890-320-19	BH-108	Total/NA	Solid	SW8015P	
890-320-20	BH-109	Total/NA	Solid	SW8015P	
7723246-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7723246-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7723246-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3153681_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
691386-001 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
691386-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3153685_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-21	BH-110	Total/NA	Solid	SW8015P	
890-320-22	BH-111	Total/NA	Solid	SW8015P	
890-320-23	BH-112	Total/NA	Solid	SW8015P	
890-320-24	BH-113	Total/NA	Solid	SW8015P	
890-320-25	BH-114	Total/NA	Solid	SW8015P	
890-320-26	BH-115	Total/NA	Solid	SW8015P	
890-320-27	BH-116	Total/NA	Solid	SW8015P	
890-320-28	BH-117	Total/NA	Solid	SW8015P	
890-320-29	BH-118	Total/NA	Solid	SW8015P	
890-320-30	BH-119	Total/NA	Solid	SW8015P	
890-320-31	BH-120	Total/NA	Solid	SW8015P	
890-320-32	BH-121	Total/NA	Solid	SW8015P	
890-320-33	BH-122	Total/NA	Solid	SW8015P	
890-320-34	BH-123	Total/NA	Solid	SW8015P	
890-320-35	SW-44	Total/NA	Solid	SW8015P	
890-320-36	SW-45	Total/NA	Solid	SW8015P	
890-320-37	BH-124	Total/NA	Solid	SW8015P	
890-320-38	BH-125	Total/NA	Solid	SW8015P	
890-320-39	SW-46	Total/NA	Solid	SW8015P	
890-320-40	BH-126	Total/NA	Solid	SW8015P	
7723250-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7723250-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7723250-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
691386-021 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
691386-021 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3153763_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
691386-016	SW-43	Total/NA	Solid	SW5035A	
890-320-5	SW-32	Total/NA	Solid	SW5035A	
890-320-6	SW-33	Total/NA	Solid	SW5035A	
890-320-7	SW-34	Total/NA	Solid	SW5035A	
890-320-8	SW-35	Total/NA	Solid	SW5035A	
890-320-9	SW-36	Total/NA	Solid	SW5035A	
890-320-10	SW-37	Total/NA	Solid	SW5035A	
890-320-11	SW-38	Total/NA	Solid	SW5035A	
890-320-12	SW-39	Total/NA	Solid	SW5035A	
890-320-13	SW-40	Total/NA	Solid	SW5035A	
890-320-14	SW-41	Total/NA	Solid	SW5035A	
890-320-15	SW-42	Total/NA	Solid	SW5035A	
7723416-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3153763_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
7723416-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7723416-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	

Prep Batch: 3153883_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-17	BH-106	Total/NA	Solid	SW5035A	
890-320-18	BH-107	Total/NA	Solid	SW5035A	
890-320-19	BH-108	Total/NA	Solid	SW5035A	
890-320-20	BH-109	Total/NA	Solid	SW5035A	
890-320-21	BH-110	Total/NA	Solid	SW5035A	
890-320-22	BH-111	Total/NA	Solid	SW5035A	
890-320-23	BH-112	Total/NA	Solid	SW5035A	
890-320-24	BH-113	Total/NA	Solid	SW5035A	
890-320-25	BH-114	Total/NA	Solid	SW5035A	
890-320-26	BH-115	Total/NA	Solid	SW5035A	
890-320-27	BH-116	Total/NA	Solid	SW5035A	
890-320-28	BH-117	Total/NA	Solid	SW5035A	
890-320-29	BH-118	Total/NA	Solid	SW5035A	
890-320-30	BH-119	Total/NA	Solid	SW5035A	
890-320-31	BH-120	Total/NA	Solid	SW5035A	
890-320-32	BH-121	Total/NA	Solid	SW5035A	
890-320-33	BH-122	Total/NA	Solid	SW5035A	
890-320-34	BH-123	Total/NA	Solid	SW5035A	
890-320-35	SW-44	Total/NA	Solid	SW5035A	
890-320-36	SW-45	Total/NA	Solid	SW5035A	
7723437-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7723437-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7723437-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	
691386-017 S	Matrix Spike	Total/NA	SOIL	SW5035A	
691386-017 SD	Matrix Spike Duplicate	Total/NA	SOIL	SW5035A	

Prep Batch: 3153889_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-320-37	BH-124	Total/NA	Solid	SW5035A	
890-320-38	BH-125	Total/NA	Solid	SW5035A	
890-320-39	SW-46	Total/NA	Solid	SW5035A	
890-320-40	BH-126	Total/NA	Solid	SW5035A	
890-320-41	SW-50	Total/NA	Solid	SW5035A	
890-320-42	SW-47	Total/NA	Solid	SW5035A	
890-320-43	BH-127	Total/NA	Solid	SW5035A	
890-320-44	SW-51	Total/NA	Solid	SW5035A	
890-320-45	SW-48	Total/NA	Solid	SW5035A	
890-320-46	BH-128	Total/NA	Solid	SW5035A	
890-320-47	SW-52	Total/NA	Solid	SW5035A	
890-320-48	SW-49	Total/NA	Solid	SW5035A	
890-320-49	BH-129	Total/NA	Solid	SW5035A	
890-320-50	SW-53	Total/NA	Solid	SW5035A	
7723457-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7723457-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7723457-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	
691386-037 S	Matrix Spike	Total/NA	SOIL	SW5035A	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Subcontract (Continued)

Prep Batch: 3153889_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
691386-037 SD	Matrix Spike Duplicate	Total/NA	SOIL	SW5035A	

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-43
Date Collected:
Date Received:

Lab Sample ID: 691386-016
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		5	3153612	03/12/21 12:11	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 19:09	ARM	XM
Total/NA	Prep	SW5035A		1	3153763_P	03/15/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153763	03/16/21 10:48	KTL	XM

Client Sample ID: SW-28
Date Collected: 03/10/21 11:00
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153436_P	03/11/21 19:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3153436	03/11/21 22:44	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 12:16	ARM	XM
Total/NA	Prep	SW5035A		1	3153618_P	03/14/21 11:45		XM
Total/NA	Analysis	8021B - BTEX		1	3153618	03/15/21 16:59	KTL	XM

Client Sample ID: SW-29
Date Collected: 03/10/21 11:05
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153436_P	03/11/21 19:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3153436	03/11/21 22:49	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 13:21	ARM	XM
Total/NA	Prep	SW5035A		1	3153618_P	03/14/21 11:45		XM
Total/NA	Analysis	8021B - BTEX		1	3153618	03/15/21 17:19	KTL	XM

Client Sample ID: SW-30
Date Collected: 03/10/21 11:07
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153436_P	03/11/21 19:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3153436	03/11/21 22:55	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 13:43	ARM	XM
Total/NA	Prep	SW5035A		1	3153618_P	03/14/21 11:45		XM
Total/NA	Analysis	8021B - BTEX		1	3153618	03/15/21 17:40	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-31
Date Collected: 03/10/21 11:09
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153436_P	03/11/21 19:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3153436	03/11/21 23:00	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 14:05	ARM	XM
Total/NA	Prep	SW5035A		1	3153618_P	03/14/21 11:45		XM
Total/NA	Analysis	8021B - BTEX		1	3153618	03/15/21 18:01	KTL	XM

Client Sample ID: SW-32
Date Collected: 03/10/21 11:11
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153607_P	03/12/21 09:50		XM
Total/NA	Analysis	300.0 - Chloride		1	3153607	03/12/21 18:09	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 14:27	ARM	XM
Total/NA	Prep	SW5035A		1	3153763_P	03/15/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153763	03/16/21 05:34	KTL	XM

Client Sample ID: SW-33
Date Collected: 03/10/21 11:13
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153607_P	03/12/21 09:50		XM
Total/NA	Analysis	300.0 - Chloride		1	3153607	03/12/21 18:14	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 14:49	ARM	XM
Total/NA	Prep	SW5035A		1	3153763_P	03/15/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153763	03/16/21 05:54	KTL	XM

Client Sample ID: SW-34
Date Collected: 03/10/21 11:15
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153607_P	03/12/21 09:50		XM
Total/NA	Analysis	300.0 - Chloride		1	3153607	03/12/21 18:20	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 15:11	ARM	XM
Total/NA	Prep	SW5035A		1	3153763_P	03/15/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153763	03/16/21 07:44	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-35
Date Collected: 03/10/21 11:17
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3153612	03/12/21 10:16	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 15:33	ARM	XM
Total/NA	Prep	SW5035A		1	3153763_P	03/15/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153763	03/16/21 08:05	KTL	XM

Client Sample ID: SW-36
Date Collected: 03/10/21 11:19
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3153612	03/12/21 10:31	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 15:55	ARM	XM
Total/NA	Prep	SW5035A		1	3153763_P	03/15/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153763	03/16/21 08:25	KTL	XM

Client Sample ID: SW-37
Date Collected: 03/10/21 11:21
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		5	3153612	03/12/21 10:36	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 16:16	ARM	XM
Total/NA	Prep	SW5035A		1	3153763_P	03/15/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153763	03/16/21 08:46	KTL	XM

Client Sample ID: SW-38
Date Collected: 03/10/21 11:23
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		5	3153612	03/12/21 10:41	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 17:20	ARM	XM
Total/NA	Prep	SW5035A		1	3153763_P	03/15/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153763	03/16/21 09:06	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-39
Date Collected: 03/10/21 11:25
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3153612	03/12/21 10:46	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 17:42	ARM	XM
Total/NA	Prep	SW5035A		1	3153763_P	03/15/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153763	03/16/21 09:26	KTL	XM

Client Sample ID: SW-40
Date Collected: 03/10/21 11:27
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3153612	03/12/21 11:01	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 18:04	ARM	XM
Total/NA	Prep	SW5035A		1	3153763_P	03/15/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153763	03/16/21 09:47	KTL	XM

Client Sample ID: SW-41
Date Collected: 03/10/21 11:29
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		5	3153612	03/12/21 11:06	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 18:25	ARM	XM
Total/NA	Prep	SW5035A		1	3153763_P	03/15/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153763	03/16/21 10:07	KTL	XM

Client Sample ID: SW-42
Date Collected: 03/10/21 11:31
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		5	3153612	03/12/21 12:06	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 18:47	ARM	XM
Total/NA	Prep	SW5035A		1	3153763_P	03/15/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153763	03/16/21 10:28	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-106
Date Collected: 03/10/21 11:35
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		10	3153612	03/12/21 12:16	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 19:30	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 01:10	KTL	XM

Client Sample ID: BH-107
Date Collected: 03/10/21 11:37
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		10	3153612	03/12/21 12:21	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 19:52	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 01:30	KTL	XM

Client Sample ID: BH-108
Date Collected: 03/10/21 11:39
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3153612	03/12/21 12:26	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 20:13	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 01:51	KTL	XM

Client Sample ID: BH-109
Date Collected: 03/10/21 11:41
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		10	3153612	03/12/21 12:31	CHE	XM
Total/NA	Prep	SW8015P		1	3153681_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153681	03/12/21 20:35	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 02:12	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-110
Date Collected: 03/10/21 11:43
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		10	3153615	03/12/21 13:28	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 12:16	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 02:32	KTL	XM

Client Sample ID: BH-111
Date Collected: 03/10/21 11:45
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		10	3153615	03/12/21 13:43	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 13:21	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 02:53	KTL	XM

Client Sample ID: BH-112
Date Collected: 03/10/21 11:47
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		5	3153615	03/12/21 13:48	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 13:43	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 03:14	KTL	XM

Client Sample ID: BH-113
Date Collected: 03/10/21 11:49
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3153615	03/12/21 13:53	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 14:05	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 03:34	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-114
Date Collected: 03/10/21 11:51
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3153615	03/12/21 13:58	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 14:27	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 03:55	KTL	XM

Client Sample ID: BH-115
Date Collected: 03/10/21 11:53
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3153615	03/12/21 14:13	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 14:49	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 04:16	KTL	XM

Client Sample ID: BH-116
Date Collected: 03/10/21 11:55
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3153615	03/12/21 14:18	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 15:11	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 05:40	KTL	XM

Client Sample ID: BH-117
Date Collected: 03/10/21 11:57
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		10	3153615	03/12/21 14:23	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 15:33	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 06:00	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-118
Date Collected: 03/10/21 11:59
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		5	3153615	03/12/21 14:28	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 15:55	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 06:21	KTL	XM

Client Sample ID: BH-119
Date Collected: 03/10/21 12:01
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		5	3153615	03/12/21 14:33	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 16:16	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 06:41	KTL	XM

Client Sample ID: BH-120
Date Collected: 03/10/21 12:03
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3153615	03/12/21 14:38	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 17:20	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 07:02	KTL	XM

Client Sample ID: BH-121
Date Collected: 03/10/21 12:05
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3153615	03/12/21 14:53	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 17:42	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 07:23	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-122
Date Collected: 03/10/21 12:07
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3153615	03/12/21 14:58	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 18:04	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 07:43	KTL	XM

Client Sample ID: BH-123
Date Collected: 03/10/21 12:09
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3153615	03/12/21 15:13	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 18:25	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 08:04	KTL	XM

Client Sample ID: SW-44
Date Collected: 03/10/21 12:15
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3153615	03/12/21 15:18	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 18:47	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 08:25	KTL	XM

Client Sample ID: SW-45
Date Collected: 03/10/21 12:17
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3153615	03/12/21 15:23	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 19:09	ARM	XM
Total/NA	Prep	SW5035A		1	3153883_P	03/16/21 14:00		XM
Total/NA	Analysis	8021B - BTEX		1	3153883	03/17/21 08:46	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-124
Date Collected: 03/10/21 12:19
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3153615	03/12/21 15:28	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 19:30	ARM	XM
Total/NA	Prep	SW5035A		1	3153889_P	03/16/21 16:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153889	03/16/21 20:09	KTL	XM

Client Sample ID: BH-125
Date Collected: 03/10/21 12:21
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3153615	03/12/21 15:33	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 19:52	ARM	XM
Total/NA	Prep	SW5035A		1	3153889_P	03/16/21 16:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153889	03/16/21 20:34	KTL	XM

Client Sample ID: SW-46
Date Collected: 03/10/21 12:25
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		1	3153615	03/12/21 15:38	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 20:13	ARM	XM
Total/NA	Prep	SW5035A		1	3153889_P	03/16/21 16:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153889	03/16/21 20:59	KTL	XM

Client Sample ID: BH-126
Date Collected: 03/10/21 12:27
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153615_P	03/12/21 13:10		XM
Total/NA	Analysis	300.0 - Chloride		5	3153615	03/12/21 15:43	CHE	XM
Total/NA	Prep	SW8015P		1	3153685_P	03/12/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153685	03/12/21 20:35	ARM	XM
Total/NA	Prep	SW5035A		1	3153889_P	03/16/21 16:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153889	03/16/21 21:24	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-50
Date Collected: 03/10/21 12:29
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153616_P	03/12/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		5	3153616	03/12/21 15:09	CHE	XM
Total/NA	Prep	SW8015P		1	3153457_P	03/11/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153457	03/11/21 21:59	ARM	XM
Total/NA	Prep	SW5035A		1	3153889_P	03/16/21 16:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153889	03/16/21 21:49	KTL	XM

Client Sample ID: SW-47
Date Collected: 03/10/21 12:31
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153616_P	03/12/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3153616	03/12/21 15:26	CHE	XM
Total/NA	Prep	SW8015P		1	3153457_P	03/11/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153457	03/11/21 23:02	ARM	XM
Total/NA	Prep	SW5035A		1	3153889_P	03/16/21 16:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153889	03/16/21 22:14	KTL	XM

Client Sample ID: BH-127
Date Collected: 03/10/21 12:33
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153616_P	03/12/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		10	3153616	03/12/21 15:31	CHE	XM
Total/NA	Prep	SW8015P		1	3153457_P	03/11/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153457	03/11/21 23:22	ARM	XM
Total/NA	Prep	SW5035A		1	3153889_P	03/16/21 16:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153889	03/16/21 22:39	KTL	XM

Client Sample ID: SW-51
Date Collected: 03/10/21 12:35
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153616_P	03/12/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		5	3153616	03/12/21 15:37	CHE	XM
Total/NA	Prep	SW8015P		1	3153457_P	03/11/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153457	03/11/21 23:43	ARM	XM
Total/NA	Prep	SW5035A		1	3153889_P	03/16/21 16:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153889	03/16/21 23:04	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: SW-48
Date Collected: 03/10/21 12:37
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153616_P	03/12/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3153616	03/12/21 15:42	CHE	XM
Total/NA	Prep	SW8015P		1	3153457_P	03/11/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153457	03/12/21 00:04	ARM	XM
Total/NA	Prep	SW5035A		1	3153889_P	03/16/21 16:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153889	03/16/21 23:29	KTL	XM

Client Sample ID: BH-128
Date Collected: 03/10/21 12:39
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153616_P	03/12/21 14:20		XM
Total/NA	Analysis	300.0 - Chloride		1	3153616	03/12/21 15:59	CHE	XM
Total/NA	Prep	SW8015P		1	3153457_P	03/11/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153457	03/12/21 00:25	ARM	XM
Total/NA	Prep	SW5035A		1	3153889_P	03/16/21 16:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153889	03/16/21 23:55	KTL	XM

Client Sample ID: SW-52
Date Collected: 03/10/21 12:41
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3153612	03/12/21 11:11	CHE	XM
Total/NA	Prep	SW8015P		1	3153457_P	03/11/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153457	03/12/21 00:45	ARM	XM
Total/NA	Prep	SW5035A		1	3153889_P	03/16/21 16:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153889	03/17/21 01:35	KTL	XM

Client Sample ID: SW-49
Date Collected: 03/10/21 12:43
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3153612	03/12/21 11:16	CHE	XM
Total/NA	Prep	SW8015P		1	3153457_P	03/11/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153457	03/12/21 01:06	ARM	XM
Total/NA	Prep	SW5035A		1	3153889_P	03/16/21 16:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153889	03/17/21 02:01	KTL	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Client Sample ID: BH-129
Date Collected: 03/10/21 12:45
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		5	3153612	03/12/21 11:21	CHE	XM
Total/NA	Prep	SW8015P		1	3153457_P	03/11/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153457	03/12/21 01:27	ARM	XM
Total/NA	Prep	SW5035A		1	3153889_P	03/16/21 16:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153889	03/17/21 02:26	KTL	XM

Client Sample ID: SW-53
Date Collected: 03/10/21 12:47
Date Received: 03/10/21 17:25

Lab Sample ID: 890-320-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3153612_P	03/12/21 10:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3153612	03/12/21 11:26	CHE	XM
Total/NA	Prep	SW8015P		1	3153457_P	03/11/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3153457	03/12/21 01:48	ARM	XM
Total/NA	Prep	SW5035A		1	3153889_P	03/16/21 16:30		XM
Total/NA	Analysis	8021B - BTEX		1	3153889	03/17/21 02:52	KTL	XM

Laboratory References:
XM = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Tetra Tech, Inc. Job ID: 890-320-1
Project/Site: Fox 30 State Com Facility SDG: 212C-MD-02339

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Method	Method Description	Protocol	Laboratory
300.0	EPA 300.0	EPA	XM
8015B	SW846 8015B TPH ORO	SW846	XM
8021	SW846 8021 Volatile Organic Compounds	SW846	XM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com Facility

Job ID: 890-320-1
SDG: 212C-MD-02339

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
890-320-1	SW-28	Solid	03/10/21 11:00	03/10/21 17:25	
890-320-2	SW-29	Solid	03/10/21 11:05	03/10/21 17:25	
890-320-3	SW-30	Solid	03/10/21 11:07	03/10/21 17:25	
890-320-4	SW-31	Solid	03/10/21 11:09	03/10/21 17:25	
890-320-5	SW-32	Solid	03/10/21 11:11	03/10/21 17:25	
890-320-6	SW-33	Solid	03/10/21 11:13	03/10/21 17:25	
890-320-7	SW-34	Solid	03/10/21 11:15	03/10/21 17:25	
890-320-8	SW-35	Solid	03/10/21 11:17	03/10/21 17:25	
890-320-9	SW-36	Solid	03/10/21 11:19	03/10/21 17:25	
890-320-10	SW-37	Solid	03/10/21 11:21	03/10/21 17:25	
890-320-11	SW-38	Solid	03/10/21 11:23	03/10/21 17:25	
890-320-12	SW-39	Solid	03/10/21 11:25	03/10/21 17:25	
890-320-13	SW-40	Solid	03/10/21 11:27	03/10/21 17:25	
890-320-14	SW-41	Solid	03/10/21 11:29	03/10/21 17:25	
890-320-15	SW-42	Solid	03/10/21 11:31	03/10/21 17:25	
890-320-16	BH-43	Solid	03/10/21 11:33	03/10/21 17:25	
890-320-17	BH-106	Solid	03/10/21 11:35	03/10/21 17:25	
890-320-18	BH-107	Solid	03/10/21 11:37	03/10/21 17:25	
890-320-19	BH-108	Solid	03/10/21 11:39	03/10/21 17:25	
890-320-20	BH-109	Solid	03/10/21 11:41	03/10/21 17:25	
890-320-21	BH-110	Solid	03/10/21 11:43	03/10/21 17:25	
890-320-22	BH-111	Solid	03/10/21 11:45	03/10/21 17:25	
890-320-23	BH-112	Solid	03/10/21 11:47	03/10/21 17:25	
890-320-24	BH-113	Solid	03/10/21 11:49	03/10/21 17:25	
890-320-25	BH-114	Solid	03/10/21 11:51	03/10/21 17:25	
890-320-26	BH-115	Solid	03/10/21 11:53	03/10/21 17:25	
890-320-27	BH-116	Solid	03/10/21 11:55	03/10/21 17:25	
890-320-28	BH-117	Solid	03/10/21 11:57	03/10/21 17:25	
890-320-29	BH-118	Solid	03/10/21 11:59	03/10/21 17:25	
890-320-30	BH-119	Solid	03/10/21 12:01	03/10/21 17:25	
890-320-31	BH-120	Solid	03/10/21 12:03	03/10/21 17:25	
890-320-32	BH-121	Solid	03/10/21 12:05	03/10/21 17:25	
890-320-33	BH-122	Solid	03/10/21 12:07	03/10/21 17:25	
890-320-34	BH-123	Solid	03/10/21 12:09	03/10/21 17:25	
890-320-35	SW-44	Solid	03/10/21 12:15	03/10/21 17:25	
890-320-36	SW-45	Solid	03/10/21 12:17	03/10/21 17:25	
890-320-37	BH-124	Solid	03/10/21 12:19	03/10/21 17:25	
890-320-38	BH-125	Solid	03/10/21 12:21	03/10/21 17:25	
890-320-39	SW-46	Solid	03/10/21 12:25	03/10/21 17:25	
890-320-40	BH-126	Solid	03/10/21 12:27	03/10/21 17:25	
890-320-41	SW-50	Solid	03/10/21 12:29	03/10/21 17:25	
890-320-42	SW-47	Solid	03/10/21 12:31	03/10/21 17:25	
890-320-43	BH-127	Solid	03/10/21 12:33	03/10/21 17:25	
890-320-44	SW-51	Solid	03/10/21 12:35	03/10/21 17:25	
890-320-45	SW-48	Solid	03/10/21 12:37	03/10/21 17:25	
890-320-46	BH-128	Solid	03/10/21 12:39	03/10/21 17:25	
890-320-47	SW-52	Solid	03/10/21 12:41	03/10/21 17:25	
890-320-48	SW-49	Solid	03/10/21 12:43	03/10/21 17:25	
890-320-49	BH-129	Solid	03/10/21 12:45	03/10/21 17:25	
890-320-50	SW-53	Solid	03/10/21 12:47	03/10/21 17:25	

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Analysis Request of Chain of Custody Record

Tetra Tech. Inc.

4000 N. Big Spring Street, Ste
401 Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

890-320 Chain of Custody

3/17/2021

Client Name: EOG

Site Manager:

Project Name: Fox 30 State Com Facility

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

Project #: 212C-MD-02339

Invoice to: EOG; ATTN. James Kennedy

Receiving Laboratory:

Sampler Signature: Nick Tenzer

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2021 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B / BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride / Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Asbestos	Hold
	SW-28	10-Mar	1100		X				1	N	X		X													X				
	SW-29	10-Mar	1105		X				1	N	X		X													X				
	SW-30	10-Mar	1107		X				1	N	X		X													X				
	SW-31	10-Mar	1109		X				1	N	X		X													X				
	SW-32	10-Mar	1111		X				1	N	X		X													X				
	SW-33	10-Mar	1113		X				1	N	X		X													X				
	SW-34	10-Mar	1115		X				1	N	X		X													X				
	SW-35	10-Mar	1117		X				1	N	X		X													X				
	SW-36	10-Mar	1119		X				1	N	X		X													X				
	SW-37	10-Mar	1121		X				1	N	X		X													X				

ANALYSIS REQUEST
(Circle or Specify Method No.)

Relinquished by: Date: 3/10 Time: 1712
Received by: Date: 3.10.21 Time: 1712

Relinquished by: Date: Time:
Received by: Date: Time:

Relinquished by: Date: Time:
Received by: Date: Time:

LAB USE ONLY
Sample Temperature: 24.4 / 24.2

REMARKS:
RUSH: Same Day 24 hr 48 hr 72 hr
Rush Charges Authorized
Special Report Limits or TRRP Report

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Received by OCD: 12/21/2021 3:26:13 PM

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alysis Request of Chain of Custody Record

3/11/2021

Tetra Tech. Inc.

4000 N. Big Spring Street, Ste
401 Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

ent Name: DG

Site Manager:

ject Name: x 30 State Com Facility

ject Location: (county, state): a, NM

Project #: 212C-MD-02339

oice to: DG; ATTN. James Kennedy

ceiving Laboratory:

Sampler Signature: Nick Terrazas

mments:

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2021)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - OPO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride	Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Asbestos
	SW-38	10-Mar	1123		X				1	N	X		X												X				
	SW-39	10-Mar	1125		X				1	N	X		X												X				
	SW-40	10-Mar	1127		X				1	N	X		X												X				
	SW-41	10-Mar	1129		X				1	N	X		X												X				
	SW-42	10-Mar	1131		X				1	N	X		X												X				
	SW-43	10-Mar	1133		X				1	N	X		X												X				
	BH-106	10-Mar	1135		X				1	N	X		X												X				
	BH-107	10-Mar	1137		X				1	N	X		X												X				
	BH-108	10-Mar	1139		X				1	N	X		X												X				
	BH-109	10-Mar	1141		X				1	N	X		X												X				

	Relinquished by:	Date:	Time:	Received by:	Date:	Time:
1		3/10	1712		3.10.21	1712
2						
3						

LAB USE ONLY

Sample Temperature: See Pg1

REMARKS:

- RUSH: Same Day 24 hr 48 hr (72 hr)
- Rush Charges Authorized
- Special Report Limits or TRRP Report

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alysis Request of Chain of Custody Record

3/17/2021

Tetra Tech, Inc.

4000 N. Big Spring Street, Ste
401 Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

ent Name: OG

Site Manager:

ject Name: xx 30 State Com Facility

ject Location: (county, state): a, NM

Project #: 212C-MD-02339

oice to: OG; ATTN. James Kennedy

ceiving Laboratory:

Sampler Signature: Nick Terczak

mments:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2021 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride / Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Asbestos
	BH-110	10-Mar	1143		X				1	N	X		X												X				
	BH-111	10-Mar	1145		X				1	N	X		X												X				
	BH-112	10-Mar	1147		X				1	N	X		X												X				
	BH-113	10-Mar	1149		X				1	N	X		X												X				
	BH-114	10-Mar	1151		X				1	N	X		X												X				
	BH-115	10-Mar	1153		X				1	N	X		X												X				
	BH-116	10-Mar	1155		X				1	N	X		X												X				
	BH-117	10-Mar	1157		X				1	N	X		X												X				
	BH-118	10-Mar	1159		X				1	N	X		X												X				
	BH-119	10-Mar	1201		X				1	N	X		X												X				

	Date:	Time:		Date:	Time:
nquished by:	3/10	1712	Received by: Cloe Cuto	3.10.21	1712
nquished by:			Received by:		
nquished by:			Received by:		

LAB USE ONLY

Sample Temperature

REMARKS:

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

Rush Charges Authorized

Special Report Limits or TRRP Report

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alysis Request of Chain of Custody Record

3/17/2021

Tetra Tech, Inc.

4000 N. Big Spring Street, Ste
401 Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

ient Name: OG

Site Manager:

oject Name: ox 30 State Com Facility

oject Location: (county, state): ea, NM

Project #: 212C-MD-02339

voice to: OG; ATTN. James Kennedy

ceiving Laboratory:

Sampler Signature: Nick Tenczar

mments:

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2021 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Asbestos		
	BH-120	10-Mar	1203		X							1	N	X		X													X					
	BH-121	10-Mar	1205		X							1	N	X		X													X					
	BH-122	10-Mar	1207		X							1	N	X		X													X					
	BH-123	10-Mar	1209		X							1	N	X		X													X					
	SW-44	10-Mar	1215		X							1	N	X		X													X					
	SW-45	10-Mar	1217		X							1	N	X		X													X					
	BH-124	10-Mar	1219		X							1	N	X		X													X					
	BH-125	10-Mar	1221		X							1	N	X		X													X					
	SW-46	10-Mar	1225		X							1	N	X		X													X					
	BH-126	10-Mar	1227		X							1	N	X		X													X					

Relinquished by:	Date: 3/10	Time: 1712	Received by: Clue Cuta
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 3.10.21 Time: 1712

LAB USE ONLY

Sample Temperature

REMARKS:

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

3/17/2021

Tetra Tech, Inc.

4000 N. Big Spring Street, Ste
401 Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG	Site Manager:
Project Name: Fox 30 State Com Facility	
Project Location: (county, state) Lea, NM	Project #: 212C-MD-02339
Invoice to: EOG; ATTN. James Kennedy	
Receiving Laboratory:	Sampler Signature: Nick Tenczar
Comments:	

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2021 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride / Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Asbestos	Hold
	SW-50	10-Mar	1229		X				1	N	X		X												X				
	SW-47	10-Mar	1231		X				1	N	X		X												X				
	BH-127	10-Mar	1233		X				1	N	X		X												X				
	SW-51	10-Mar	1235		X				1	N	X		X												X				
	SW-48	10-Mar	1237		X				1	N	X		X												X				
	BH-128	10-Mar	1239		X				1	N	X		X												X				
	SW-52	10-Mar	1241		X				1	N	X		X												X				
	SW-49	10-Mar	1243		X				1	N	X		X												X				
	BH-129	10-Mar	1245		X				1	N	X		X												X				
	SW-53	10-Mar	1247		X				1	N	X		X												X				

Relinquished by:	Date: 3/10	Time: 1712	Received by: Clue Cuffe Date: 3.10.21 Time: 1712
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY

Sample Temperature: 24.4 / 24.2

REMARKS:

- RUSH: Same Day 24 hr 48 hr (72 hr)
- Rush Charges Authorized
- Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

890-319 Chain of Custody

3/17/2021

Client Name: EOG	Site Manager: Brittany Long
Project Name: El Paso 23 Federal Tank Battery #2	
Project Location: (county, state) Eddy County, NM	Project #: 212C-MD-02003
Invoice to: EOG Todd Wells	
Receiving Laboratory: Xenco	Sampler Signature: Ezequiel Moreno
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
	T-2 (0-1')	3/9/21			X			X				X		X												X				
	T-2 (5')																													
	T-2 (10')																													
	T-2 (15')																													
	T-2 (20')																													
	T-3 (0-1')																													
	T-3 (5')																													
	T-3 (10')																													
	T-3 (15')	↓			↓			↓				↓		↓												↓				

Relinquished by: Ezequiel Moreno	Date:	Time:	Received by: Cloe Cuff 3.10.21 1658
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY

Sample Temperature 6.2 / 6.0

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day (24 hr) 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-320-1
SDG Number: 212C-MD-02339

Login Number: 320
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.	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	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-409-1
Laboratory Sample Delivery Group: Lea County NM
Client Project/Site: Fox 30 State Com

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
4/1/2021 3:00:27 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Laboratory Job ID: 890-409-1
SDG: Lea County NM

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Sample Summary 22
Chain of Custody 23
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Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-409-1
Project/Site: Fox 30 State Com SDG: Lea County NM

Qualifiers

GC 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.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

Job ID: 890-409-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-409-1

Receipt
The samples were received on 3/23/2021 10:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

Receipt Exceptions
The following samples analyzed for method BTEX 8021 were received and analyzed from an unpreserved bulk soil jar: BH-126 (890-409-1), BH-127 (890-409-2), BH-128 (890-409-3), BH-129 (890-409-4), SW-50 (890-409-5), SW-51 (890-409-6), SW-52 (890-409-7) and SW-53 (890-409-8).

GC Semi VOA
Method 8015MOD_NM: The method blank for preparation batch 880-1103 contained Gasoline Range Organics (GRO)-C6-C10 and Total TPH above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

Client Sample ID: BH-126

Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-1

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 01:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 01:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 01:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/25/21 17:54	03/26/21 01:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 01:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/25/21 17:54	03/26/21 01:35	1
Total BTEX	<0.00200	U *1	0.00200		mg/Kg		03/25/21 17:54	03/26/21 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*03/25/21 17:54*	*03/26/21 01:35*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/25/21 17:54*	*03/26/21 01:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**67.6**	**B**	49.9		mg/Kg		03/31/21 11:52	03/31/21 23:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/21 11:52	03/31/21 23:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/21 11:52	03/31/21 23:30	1
Total TPH	**67.6**	**B**	49.9		mg/Kg		03/31/21 11:52	03/31/21 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*03/31/21 11:52*	*03/31/21 23:30*	*1*
o-Terphenyl	*112*		*70 - 130*	*03/31/21 11:52*	*03/31/21 23:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**410**		4.97		mg/Kg			03/29/21 14:54	1

Client Sample ID: BH-127

Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-2

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/25/21 17:54	03/26/21 01:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/25/21 17:54	03/26/21 01:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/25/21 17:54	03/26/21 01:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/25/21 17:54	03/26/21 01:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/25/21 17:54	03/26/21 01:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/25/21 17:54	03/26/21 01:55	1
Total BTEX	<0.00199	U *1	0.00199		mg/Kg		03/25/21 17:54	03/26/21 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*03/25/21 17:54*	*03/26/21 01:55*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*03/25/21 17:54*	*03/26/21 01:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**59.0**	**B**	49.9		mg/Kg		03/31/21 11:52	03/31/21 23:51	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

Client Sample ID: BH-127

Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-2

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/21 11:52	03/31/21 23:51	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/21 11:52	03/31/21 23:51	1
Total TPH	**59.0**	**B**	49.9		mg/Kg		03/31/21 11:52	03/31/21 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*03/31/21 11:52*	*03/31/21 23:51*	*1*
o-Terphenyl	*115*		*70 - 130*	*03/31/21 11:52*	*03/31/21 23:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**437**		4.95		mg/Kg			03/29/21 15:09	1

Client Sample ID: BH-128

Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-3

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 02:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 02:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 02:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/25/21 17:54	03/26/21 02:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 02:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/25/21 17:54	03/26/21 02:16	1
Total BTEX	<0.00200	U *1	0.00200		mg/Kg		03/25/21 17:54	03/26/21 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*03/25/21 17:54*	*03/26/21 02:16*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/25/21 17:54*	*03/26/21 02:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**60.5**	**B**	50.0		mg/Kg		03/31/21 11:52	04/01/21 00:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/21 11:52	04/01/21 00:12	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/21 11:52	04/01/21 00:12	1
Total TPH	**60.5**	**B**	50.0		mg/Kg		03/31/21 11:52	04/01/21 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*03/31/21 11:52*	*04/01/21 00:12*	*1*
o-Terphenyl	*113*		*70 - 130*	*03/31/21 11:52*	*04/01/21 00:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**422**		5.05		mg/Kg			03/29/21 15:14	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

Client Sample ID: BH-129

Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-4

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 02:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 02:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 02:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/25/21 17:54	03/26/21 02:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 02:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/25/21 17:54	03/26/21 02:36	1
Total BTEX	<0.00200	U *1	0.00200		mg/Kg		03/25/21 17:54	03/26/21 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*03/25/21 17:54*	*03/26/21 02:36*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*03/25/21 17:54*	*03/26/21 02:36*	*1*

Method: 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		03/31/21 11:52	04/01/21 00:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/21 11:52	04/01/21 00:33	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/21 11:52	04/01/21 00:33	1
Total TPH	<49.9	U	49.9		mg/Kg		03/31/21 11:52	04/01/21 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*03/31/21 11:52*	*04/01/21 00:33*	*1*
o-Terphenyl	*120*		*70 - 130*	*03/31/21 11:52*	*04/01/21 00:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**		5.05		mg/Kg			03/29/21 15:19	1

Client Sample ID: SW-50

Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-5

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/25/21 17:54	03/26/21 02:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/25/21 17:54	03/26/21 02:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/25/21 17:54	03/26/21 02:57	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/25/21 17:54	03/26/21 02:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/25/21 17:54	03/26/21 02:57	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/25/21 17:54	03/26/21 02:57	1
Total BTEX	<0.00198	U *1	0.00198		mg/Kg		03/25/21 17:54	03/26/21 02:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*03/25/21 17:54*	*03/26/21 02:57*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/25/21 17:54*	*03/26/21 02:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**99.7**	**B**	50.0		mg/Kg		03/31/21 11:52	04/01/21 00:54	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

Client Sample ID: SW-50

Lab Sample ID: 890-409-5
Matrix: Solid
Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/21 11:52	04/01/21 00:54	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/21 11:52	04/01/21 00:54	1
Total TPH	**99.7**	**B**	50.0		mg/Kg		03/31/21 11:52	04/01/21 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*03/31/21 11:52*	*04/01/21 00:54*	*1*
o-Terphenyl	*117*		*70 - 130*	*03/31/21 11:52*	*04/01/21 00:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**148**		4.98		mg/Kg			03/29/21 15:24	1

Client Sample ID: SW-51

Lab Sample ID: 890-409-6
Matrix: Solid
Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/25/21 17:54	03/26/21 03:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/25/21 17:54	03/26/21 03:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/25/21 17:54	03/26/21 03:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/25/21 17:54	03/26/21 03:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/25/21 17:54	03/26/21 03:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/25/21 17:54	03/26/21 03:17	1
Total BTEX	<0.00199	U *1	0.00199		mg/Kg		03/25/21 17:54	03/26/21 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*03/25/21 17:54*	*03/26/21 03:17*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/25/21 17:54*	*03/26/21 03:17*	*1*

Method: 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		03/31/21 11:52	04/01/21 01:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/21 11:52	04/01/21 01:36	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/21 11:52	04/01/21 01:36	1
Total TPH	<49.9	U	49.9		mg/Kg		03/31/21 11:52	04/01/21 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*03/31/21 11:52*	*04/01/21 01:36*	*1*
o-Terphenyl	*128*		*70 - 130*	*03/31/21 11:52*	*04/01/21 01:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**156**		5.00		mg/Kg			03/29/21 15:29	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

Client Sample ID: SW-52

Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-7

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 03:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 03:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 03:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/25/21 17:54	03/26/21 03:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 03:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/25/21 17:54	03/26/21 03:37	1
Total BTEX	<0.00200	U *1	0.00200		mg/Kg		03/25/21 17:54	03/26/21 03:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*03/25/21 17:54*	*03/26/21 03:37*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*03/25/21 17:54*	*03/26/21 03:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**81.2**		49.8		mg/Kg		03/31/21 11:52	04/01/21 01:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/31/21 11:52	04/01/21 01:57	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/31/21 11:52	04/01/21 01:57	1
Total TPH	**81.2**		49.8		mg/Kg		03/31/21 11:52	04/01/21 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*03/31/21 11:52*	*04/01/21 01:57*	*1*
o-Terphenyl	*120*		*70 - 130*	*03/31/21 11:52*	*04/01/21 01:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72.4**		5.00		mg/Kg			03/29/21 15:34	1

Client Sample ID: SW-53

Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-8

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 03:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 03:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 03:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/25/21 17:54	03/26/21 03:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 03:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/25/21 17:54	03/26/21 03:58	1
Total BTEX	<0.00200	U *1	0.00200		mg/Kg		03/25/21 17:54	03/26/21 03:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*03/25/21 17:54*	*03/26/21 03:58*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*03/25/21 17:54*	*03/26/21 03:58*	*1*

Method: 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		03/31/21 11:52	04/01/21 02:18	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

Client Sample ID: SW-53
Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/31/21 11:52	04/01/21 02:18	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/31/21 11:52	04/01/21 02:18	1
Total TPH	<49.8	U	49.8		mg/Kg		03/31/21 11:52	04/01/21 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*03/31/21 11:52*	*04/01/21 02:18*	*1*
o-Terphenyl	*111*		*70 - 130*	*03/31/21 11:52*	*04/01/21 02:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75.3**		4.96		mg/Kg			03/29/21 15:39	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-409-1	BH-126	126	104
890-409-1 MS	BH-126	133 S1+	110
890-409-1 MSD	BH-126	125	111
890-409-2	BH-127	126	103
890-409-3	BH-128	116	104
890-409-4	BH-129	125	103
890-409-5	SW-50	118	102
890-409-6	SW-51	121	100
890-409-7	SW-52	115	103
890-409-8	SW-53	127	99
LCS 880-883/1-A	Lab Control Sample	98	105
LCSD 880-883/2-A	Lab Control Sample Dup	110	107
MB 880-841/5-A	Method Blank	100	99
MB 880-883/5-A	Method Blank	105	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-409-1	BH-126	97	112
890-409-2	BH-127	101	115
890-409-3	BH-128	98	113
890-409-4	BH-129	103	120
890-409-5	SW-50	108	117
890-409-6	SW-51	109	128
890-409-7	SW-52	113	120
890-409-8	SW-53	95	111
LCS 880-1103/2-A	Lab Control Sample	110	119
LCSD 880-1103/3-A	Lab Control Sample Dup	105	109
MB 880-1103/1-A	Method Blank	105	119

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-841/5-A
Matrix: Solid
Analysis Batch: 830

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/25/21 10:12	03/25/21 14:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/25/21 10:12	03/25/21 14:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/25/21 10:12	03/25/21 14:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/25/21 10:12	03/25/21 14:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/25/21 10:12	03/25/21 14:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/25/21 10:12	03/25/21 14:23	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		03/25/21 10:12	03/25/21 14:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/25/21 10:12*	*03/25/21 14:23*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*03/25/21 10:12*	*03/25/21 14:23*	*1*

Lab Sample ID: MB 880-883/5-A
Matrix: Solid
Analysis Batch: 830

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 883

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 01:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 01:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 01:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/25/21 17:54	03/26/21 01:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 01:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/25/21 17:54	03/26/21 01:13	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		03/25/21 17:54	03/26/21 01:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*03/25/21 17:54*	*03/26/21 01:13*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*03/25/21 17:54*	*03/26/21 01:13*	*1*

Lab Sample ID: LCS 880-883/1-A
Matrix: Solid
Analysis Batch: 830

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 883

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09608		mg/Kg		96	70 - 130
Toluene	0.100	0.08827		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.09000		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1792		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08853		mg/Kg		89	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-883/2-A
Matrix: Solid
Analysis Batch: 830

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 883

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.1179		mg/Kg		118	70 - 130	20	35
Toluene			0.100	0.1059		mg/Kg		106	70 - 130	18	35
Ethylbenzene			0.100	0.1084		mg/Kg		108	70 - 130	19	35
m-Xylene & p-Xylene			0.200	0.2196		mg/Kg		110	70 - 130	20	35
o-Xylene			0.100	0.1162		mg/Kg		116	70 - 130	27	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 890-409-1 MS
Matrix: Solid
Analysis Batch: 830

Client Sample ID: BH-126
Prep Type: Total/NA
Prep Batch: 883

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.0996	0.09682		mg/Kg		97	70 - 130
Toluene	<0.00200	U	0.0996	0.08771		mg/Kg		88	70 - 130
Ethylbenzene	<0.00200	U	0.0996	0.09148		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.199	0.1856		mg/Kg		93	70 - 130
o-Xylene	<0.00200	U	0.0996	0.1011		mg/Kg		101	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: 890-409-1 MSD
Matrix: Solid
Analysis Batch: 830

Client Sample ID: BH-126
Prep Type: Total/NA
Prep Batch: 883

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0992	0.1064		mg/Kg		107	70 - 130	9	35
Toluene	<0.00200	U	0.0992	0.09647		mg/Kg		97	70 - 130	10	35
Ethylbenzene	<0.00200	U	0.0992	0.09840		mg/Kg		99	70 - 130	7	35
m-Xylene & p-Xylene	<0.00400	U	0.198	0.1989		mg/Kg		100	70 - 130	7	35
o-Xylene	<0.00200	U	0.0992	0.1069		mg/Kg		107	70 - 130	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-1103/1-A
Matrix: Solid
Analysis Batch: 1088

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1103

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		03/31/21 11:52	03/31/21 19:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/21 11:52	03/31/21 19:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/21 11:52	03/31/21 19:58	1
Total TPH	<50.0	U	50.0		mg/Kg		03/31/21 11:52	03/31/21 19:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*03/31/21 11:52*	*03/31/21 19:58*	*1*
o-Terphenyl	*119*		*70 - 130*	*03/31/21 11:52*	*03/31/21 19:58*	*1*

Lab Sample ID: LCS 880-1103/2-A
Matrix: Solid
Analysis Batch: 1088

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1103

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1111		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1078		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*110*		*70 - 130*
o-Terphenyl	*119*		*70 - 130*

Lab Sample ID: LCSD 880-1103/3-A
Matrix: Solid
Analysis Batch: 1088

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1103

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1067		mg/Kg		107	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1010		mg/Kg		101	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*109*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-990/1-A
Matrix: Solid
Analysis Batch: 991

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			03/29/21 13:09	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-990/2-A
Matrix: Solid
Analysis Batch: 991

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	273.0		mg/Kg		109	90 - 110		

Lab Sample ID: LCSD 880-990/3-A
Matrix: Solid
Analysis Batch: 991

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	274.2		mg/Kg		110	90 - 110	0	20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

GC VOA

Analysis Batch: 830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-409-1	BH-126	Total/NA	Solid	8021B	883
890-409-2	BH-127	Total/NA	Solid	8021B	883
890-409-3	BH-128	Total/NA	Solid	8021B	883
890-409-4	BH-129	Total/NA	Solid	8021B	883
890-409-5	SW-50	Total/NA	Solid	8021B	883
890-409-6	SW-51	Total/NA	Solid	8021B	883
890-409-7	SW-52	Total/NA	Solid	8021B	883
890-409-8	SW-53	Total/NA	Solid	8021B	883
MB 880-841/5-A	Method Blank	Total/NA	Solid	8021B	841
MB 880-883/5-A	Method Blank	Total/NA	Solid	8021B	883
LCS 880-883/1-A	Lab Control Sample	Total/NA	Solid	8021B	883
LCSD 880-883/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	883
890-409-1 MS	BH-126	Total/NA	Solid	8021B	883
890-409-1 MSD	BH-126	Total/NA	Solid	8021B	883

Prep Batch: 841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-841/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-409-1	BH-126	Total/NA	Solid	5035	
890-409-2	BH-127	Total/NA	Solid	5035	
890-409-3	BH-128	Total/NA	Solid	5035	
890-409-4	BH-129	Total/NA	Solid	5035	
890-409-5	SW-50	Total/NA	Solid	5035	
890-409-6	SW-51	Total/NA	Solid	5035	
890-409-7	SW-52	Total/NA	Solid	5035	
890-409-8	SW-53	Total/NA	Solid	5035	
MB 880-883/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-883/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-883/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-409-1 MS	BH-126	Total/NA	Solid	5035	
890-409-1 MSD	BH-126	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 1088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-409-1	BH-126	Total/NA	Solid	8015B NM	1103
890-409-2	BH-127	Total/NA	Solid	8015B NM	1103
890-409-3	BH-128	Total/NA	Solid	8015B NM	1103
890-409-4	BH-129	Total/NA	Solid	8015B NM	1103
890-409-5	SW-50	Total/NA	Solid	8015B NM	1103
890-409-6	SW-51	Total/NA	Solid	8015B NM	1103
890-409-7	SW-52	Total/NA	Solid	8015B NM	1103
890-409-8	SW-53	Total/NA	Solid	8015B NM	1103
MB 880-1103/1-A	Method Blank	Total/NA	Solid	8015B NM	1103
LCS 880-1103/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	1103
LCSD 880-1103/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	1103

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

GC Semi VOA

Prep Batch: 1103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-409-1	BH-126	Total/NA	Solid	8015NM Prep	
890-409-2	BH-127	Total/NA	Solid	8015NM Prep	
890-409-3	BH-128	Total/NA	Solid	8015NM Prep	
890-409-4	BH-129	Total/NA	Solid	8015NM Prep	
890-409-5	SW-50	Total/NA	Solid	8015NM Prep	
890-409-6	SW-51	Total/NA	Solid	8015NM Prep	
890-409-7	SW-52	Total/NA	Solid	8015NM Prep	
890-409-8	SW-53	Total/NA	Solid	8015NM Prep	
MB 880-1103/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-1103/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-1103/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-409-1	BH-126	Soluble	Solid	DI Leach	
890-409-2	BH-127	Soluble	Solid	DI Leach	
890-409-3	BH-128	Soluble	Solid	DI Leach	
890-409-4	BH-129	Soluble	Solid	DI Leach	
890-409-5	SW-50	Soluble	Solid	DI Leach	
890-409-6	SW-51	Soluble	Solid	DI Leach	
890-409-7	SW-52	Soluble	Solid	DI Leach	
890-409-8	SW-53	Soluble	Solid	DI Leach	
MB 880-990/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-990/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-990/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-409-1	BH-126	Soluble	Solid	300.0	990
890-409-2	BH-127	Soluble	Solid	300.0	990
890-409-3	BH-128	Soluble	Solid	300.0	990
890-409-4	BH-129	Soluble	Solid	300.0	990
890-409-5	SW-50	Soluble	Solid	300.0	990
890-409-6	SW-51	Soluble	Solid	300.0	990
890-409-7	SW-52	Soluble	Solid	300.0	990
890-409-8	SW-53	Soluble	Solid	300.0	990
MB 880-990/1-A	Method Blank	Soluble	Solid	300.0	990
LCS 880-990/2-A	Lab Control Sample	Soluble	Solid	300.0	990
LCSD 880-990/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	990

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

Client Sample ID: BH-126
Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			883	03/25/21 17:54	KL	XM
Total/NA	Analysis	8021B		1	830	03/26/21 01:35	KL	XM
Total/NA	Prep	8015NM Prep			1103	03/31/21 11:52	DM	XM
Total/NA	Analysis	8015B NM		1	1088	03/31/21 23:30	T1S	XM
Soluble	Leach	DI Leach			990	03/29/21 10:13	CH	XM
Soluble	Analysis	300.0		1	991	03/29/21 14:54	CH	XM

Client Sample ID: BH-127
Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			883	03/25/21 17:54	KL	XM
Total/NA	Analysis	8021B		1	830	03/26/21 01:55	KL	XM
Total/NA	Prep	8015NM Prep			1103	03/31/21 11:52	DM	XM
Total/NA	Analysis	8015B NM		1	1088	03/31/21 23:51	T1S	XM
Soluble	Leach	DI Leach			990	03/29/21 10:13	CH	XM
Soluble	Analysis	300.0		1	991	03/29/21 15:09	CH	XM

Client Sample ID: BH-128
Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			883	03/25/21 17:54	KL	XM
Total/NA	Analysis	8021B		1	830	03/26/21 02:16	KL	XM
Total/NA	Prep	8015NM Prep			1103	03/31/21 11:52	DM	XM
Total/NA	Analysis	8015B NM		1	1088	04/01/21 00:12	T1S	XM
Soluble	Leach	DI Leach			990	03/29/21 10:13	CH	XM
Soluble	Analysis	300.0		1	991	03/29/21 15:14	CH	XM

Client Sample ID: BH-129
Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			883	03/25/21 17:54	KL	XM
Total/NA	Analysis	8021B		1	830	03/26/21 02:36	KL	XM
Total/NA	Prep	8015NM Prep			1103	03/31/21 11:52	DM	XM
Total/NA	Analysis	8015B NM		1	1088	04/01/21 00:33	T1S	XM
Soluble	Leach	DI Leach			990	03/29/21 10:13	CH	XM
Soluble	Analysis	300.0		1	991	03/29/21 15:19	CH	XM

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

Client Sample ID: SW-50
Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			883	03/25/21 17:54	KL	XM
Total/NA	Analysis	8021B		1	830	03/26/21 02:57	KL	XM
Total/NA	Prep	8015NM Prep			1103	03/31/21 11:52	DM	XM
Total/NA	Analysis	8015B NM		1	1088	04/01/21 00:54	T1S	XM
Soluble	Leach	DI Leach			990	03/29/21 10:13	CH	XM
Soluble	Analysis	300.0		1	991	03/29/21 15:24	CH	XM

Client Sample ID: SW-51
Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			883	03/25/21 17:54	KL	XM
Total/NA	Analysis	8021B		1	830	03/26/21 03:17	KL	XM
Total/NA	Prep	8015NM Prep			1103	03/31/21 11:52	DM	XM
Total/NA	Analysis	8015B NM		1	1088	04/01/21 01:36	T1S	XM
Soluble	Leach	DI Leach			990	03/29/21 10:13	CH	XM
Soluble	Analysis	300.0		1	991	03/29/21 15:29	CH	XM

Client Sample ID: SW-52
Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			883	03/25/21 17:54	KL	XM
Total/NA	Analysis	8021B		1	830	03/26/21 03:37	KL	XM
Total/NA	Prep	8015NM Prep			1103	03/31/21 11:52	DM	XM
Total/NA	Analysis	8015B NM		1	1088	04/01/21 01:57	T1S	XM
Soluble	Leach	DI Leach			990	03/29/21 10:13	CH	XM
Soluble	Analysis	300.0		1	991	03/29/21 15:34	CH	XM

Client Sample ID: SW-53
Date Collected: 03/22/21 00:00
Date Received: 03/23/21 10:40

Lab Sample ID: 890-409-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			883	03/25/21 17:54	KL	XM
Total/NA	Analysis	8021B		1	830	03/26/21 03:58	KL	XM
Total/NA	Prep	8015NM Prep			1103	03/31/21 11:52	DM	XM
Total/NA	Analysis	8015B NM		1	1088	04/01/21 02:18	T1S	XM
Soluble	Leach	DI Leach			990	03/29/21 10:13	CH	XM
Soluble	Analysis	300.0		1	991	03/29/21 15:39	CH	XM

Laboratory References:
XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XM
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XM
300.0	Anions, Ion Chromatography	MCAWW	XM
5035	Closed System Purge and Trap	SW846	XM
8015NM Prep	Microextraction	SW846	XM
DI Leach	Deionized Water Leaching Procedure	ASTM	XM

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.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com

Job ID: 890-409-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
890-409-1	BH-126	Solid	03/22/21 00:00	03/23/21 10:40	
890-409-2	BH-127	Solid	03/22/21 00:00	03/23/21 10:40	
890-409-3	BH-128	Solid	03/22/21 00:00	03/23/21 10:40	
890-409-4	BH-129	Solid	03/22/21 00:00	03/23/21 10:40	
890-409-5	SW-50	Solid	03/22/21 00:00	03/23/21 10:40	
890-409-6	SW-51	Solid	03/22/21 00:00	03/23/21 10:40	
890-409-7	SW-52	Solid	03/22/21 00:00	03/23/21 10:40	
890-409-8	SW-53	Solid	03/22/21 00:00	03/23/21 10:40	

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

890-409 Chain of Custody

Page 1 of 1

4/1/2021

Client Name: EOG	Site Manager: Brittany Long
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, NM	Project #: 212C-MD-02339
Invoice to: EOG - Todd Wells	
Receiving Laboratory: Xenco	Sampler Signature: Ezequiel Moreno
Comments:	

LAB #	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)
	BH-126	3/22/21			X			X		1	N
	BH-127				X			X		1	N
	BH-128										
	BH-129										
	SW-50										
	SW-51										
	SW-52										
	SW-53										

ANALYSIS REQUEST
(Circle or Specify Method No.)

BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
X		X												X									

Relinquished by: Ezequiel Moreno	Date:	Time:	Received by: Cloe Cuellar	Date: 3.23.21	Time: 1040
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature: 1.2 / 1.0

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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Received by OCD: 12/21/2021 3:26:13 PM

Released to Imaging: 1/14/2022 2:45:36 PM

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 890-123 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-409-1
Address: 1211 W Florida Ave ,	Due Date Requested: 3/26/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Fox 30 State Com	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5036FP_Calc BTEX	Total Number of containers	Special Instructions/Note.
			Preservation Code:								
BH-126 (890-409-1)	3/22/21	Mountain		Solid			X	X	X	1	
BH-127 (890-409-2)	3/22/21	Mountain		Solid			X	X	X	1	
BH-128 (890-409-3)	3/22/21	Mountain		Solid			X	X	X	1	
BH-129 (890-409-4)	3/22/21	Mountain		Solid			X	X	X	1	
SW-50 (890-409-5)	3/22/21	Mountain		Solid			X	X	X	1	
SW-51 (890-409-6)	3/22/21	Mountain		Solid			X	X	X	1	
SW-52 (890-409-7)	3/22/21	Mountain		Solid			X	X	X	1	
SW-53 (890-409-8)	3/22/21	Mountain		Solid			X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II, III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time.	Method of Shipment:
Relinquished by: Cloe Cuttler 3-23-21	Date/Time:	Company	Received by: Date/Time: 3/23/21 3:00pm Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver: 11/01/2020

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Received by OCD: 12/21/2021 3:26:13 PM
4/1/2021
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Released to Imaging: 1/14/2022 2:45:36 PM

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-409-1
SDG Number: Lea County NM

Login Number: 409
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.	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	

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-409-1
SDG Number: Lea County NM

Login Number: 409
List Number: 2
Creator: Copeland, Tatiana

List Source: Eurofins Midland
List Creation: 03/23/21 03:11 PM

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.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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").	True	

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ANALYTICAL REPORT

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-524-1
Laboratory Sample Delivery Group: Lea County New mexico
Client Project/Site: Fox 30 State Com 212C-MD-02339

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
4/20/2021 6:47:31 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Job ID: 890-524-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-524-1

Comments
No additional comments.

Receipt
The samples were received on 4/14/2021 3:45 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 was 3.6º C.

Receipt Exceptions

The following samples analyzed for method BTEX 8021 were received and analyzed from an unpreserved bulk soil jar: BH-137 (1') (890-524-1), BH-138 (1') (890-524-2), BH-139 (1') (890-524-3), BH-140 (1') (890-524-4), BH-141 (1') (890-524-5), BH-142 (1') (890-524-6), BH-143 (1') (890-524-7), BH-144 (1') (890-524-8), BH-145 (1') (890-524-9), BH-146 (1') (890-524-10), BH-147 (1') (890-524-11), BH-148 (1') (890-524-12), BH-149 (1') (890-524-13), BH-150 (1') (890-524-14), BH-151 (1') (890-524-15), BH-152 (1') (890-524-16), SW-61 (1') (890-524-17), SW-62 (1') (890-524-18), SW-63 (1') (890-524-19) and SW-64 (1') (890-524-20).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-1828 and analytical batch 880-1829 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-1975 and analytical batch 880-1974 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Internal standard responses were outside of acceptance limits for the following sample: SW-62 (1') (890-524-18). The sample(s) shows evidence of matrix interference.

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

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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

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

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

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: BH-137 (1') Lab Sample ID: 890-524-1

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F1	0.00198		mg/Kg		04/15/21 14:00	04/15/21 18:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/15/21 14:00	04/15/21 18:23	1
Ethylbenzene	<0.00198	U F1	0.00198		mg/Kg		04/15/21 14:00	04/15/21 18:23	1
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.00396		mg/Kg		04/15/21 14:00	04/15/21 18:23	1
o-Xylene	<0.00198	U F1 F2	0.00198		mg/Kg		04/15/21 14:00	04/15/21 18:23	1
Xylenes, Total	<0.00396	U F1 F2	0.00396		mg/Kg		04/15/21 14:00	04/15/21 18:23	1
Total BTEX	<0.00396	U F1 F2	0.00396		mg/Kg		04/15/21 14:00	04/15/21 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*142*	*S1+*	*70 - 130*	*04/15/21 14:00*	*04/15/21 18:23*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/15/21 14:00*	*04/15/21 18:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 12:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 12:13	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 12:13	1
Total TPH	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*04/15/21 14:38*	*04/16/21 12:13*	*1*
o-Terphenyl	*85*		*70 - 130*	*04/15/21 14:38*	*04/16/21 12:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**49.7**		5.00		mg/Kg			04/17/21 18:32	1

Client Sample ID: BH-138 (1') Lab Sample ID: 890-524-2

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 18:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 18:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 18:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/15/21 14:00	04/15/21 18:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 18:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/15/21 14:00	04/15/21 18:44	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		04/15/21 14:00	04/15/21 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*230*	*S1+*	*70 - 130*	*04/15/21 14:00*	*04/15/21 18:44*	*1*
1,4-Difluorobenzene (Surr)	*65*	*S1-*	*70 - 130*	*04/15/21 14:00*	*04/15/21 18:44*	*1*

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: BH-138 (1') Lab Sample ID: 890-524-2

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 13:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 13:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 13:17	1
Total TPH	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*04/15/21 14:38*	*04/16/21 13:17*	*1*
o-Terphenyl	*89*		*70 - 130*	*04/15/21 14:38*	*04/16/21 13:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.5**		5.04		mg/Kg			04/17/21 18:47	1

Client Sample ID: BH-139 (1') Lab Sample ID: 890-524-3

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 19:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 19:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 19:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/21 14:00	04/15/21 19:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 19:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/21 14:00	04/15/21 19:05	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/15/21 14:00	04/15/21 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/15/21 14:00*	*04/15/21 19:05*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*04/15/21 14:00*	*04/15/21 19:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 13:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 13:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 13:38	1
Total TPH	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*04/15/21 14:38*	*04/16/21 13:38*	*1*
o-Terphenyl	*95*		*70 - 130*	*04/15/21 14:38*	*04/16/21 13:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.9**		5.05		mg/Kg			04/17/21 18:52	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: BH-140 (1') Lab Sample ID: 890-524-4

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/15/21 14:00	04/15/21 19:25	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/15/21 14:00	04/15/21 19:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/15/21 14:00	04/15/21 19:25	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/15/21 14:00	04/15/21 19:25	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/15/21 14:00	04/15/21 19:25	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/15/21 14:00	04/15/21 19:25	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		04/15/21 14:00	04/15/21 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/15/21 14:00*	*04/15/21 19:25*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*04/15/21 14:00*	*04/15/21 19:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 14:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 14:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 14:00	1
Total TPH	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*04/15/21 14:38*	*04/16/21 14:00*	*1*
o-Terphenyl	*91*		*70 - 130*	*04/15/21 14:38*	*04/16/21 14:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.5**		5.02		mg/Kg			04/17/21 18:57	1

Client Sample ID: BH-141 (1') Lab Sample ID: 890-524-5

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/15/21 19:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/15/21 19:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/15/21 19:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/21 14:00	04/15/21 19:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/15/21 19:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/21 14:00	04/15/21 19:46	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/15/21 14:00	04/15/21 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/15/21 14:00*	*04/15/21 19:46*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*04/15/21 14:00*	*04/15/21 19:46*	*1*

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: BH-141 (1') Lab Sample ID: 890-524-5

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 14:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 14:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 14:21	1
Total TPH	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*04/15/21 14:38*	*04/16/21 14:21*	*1*
o-Terphenyl	*94*		*70 - 130*	*04/15/21 14:38*	*04/16/21 14:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**63.3**		4.99		mg/Kg			04/17/21 19:02	1

Client Sample ID: BH-142 (1') Lab Sample ID: 890-524-6

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/15/21 20:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/15/21 20:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/15/21 20:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/21 14:00	04/15/21 20:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/15/21 20:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/21 14:00	04/15/21 20:07	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/15/21 14:00	04/15/21 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/15/21 14:00*	*04/15/21 20:07*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*04/15/21 14:00*	*04/15/21 20:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 14:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 14:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 14:42	1
Total TPH	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*04/15/21 14:38*	*04/16/21 14:42*	*1*
o-Terphenyl	*89*		*70 - 130*	*04/15/21 14:38*	*04/16/21 14:42*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.4**		4.97		mg/Kg			04/17/21 19:17	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: BH-143 (1') Lab Sample ID: 890-524-7

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 20:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 20:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 20:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/15/21 14:00	04/15/21 20:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 20:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/15/21 14:00	04/15/21 20:28	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		04/15/21 14:00	04/15/21 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*202*	*S1+*	*70 - 130*	*04/15/21 14:00*	*04/15/21 20:28*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/15/21 14:00*	*04/15/21 20:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 15:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 15:04	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 15:04	1
Total TPH	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*04/15/21 14:38*	*04/16/21 15:04*	*1*
o-Terphenyl	*92*		*70 - 130*	*04/15/21 14:38*	*04/16/21 15:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.6**		4.95		mg/Kg			04/17/21 19:23	1

Client Sample ID: BH-144 (1') Lab Sample ID: 890-524-8

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 20:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 20:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 20:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/21 14:00	04/15/21 20:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 20:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/21 14:00	04/15/21 20:48	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/15/21 14:00	04/15/21 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/15/21 14:00*	*04/15/21 20:48*	*1*
1,4-Difluorobenzene (Surr)	*121*		*70 - 130*	*04/15/21 14:00*	*04/15/21 20:48*	*1*

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: BH-144 (1') Lab Sample ID: 890-524-8

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 15:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 15:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 15:25	1
Total TPH	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*04/15/21 14:38*	*04/16/21 15:25*	*1*
o-Terphenyl	*89*		*70 - 130*	*04/15/21 14:38*	*04/16/21 15:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.7**		4.95		mg/Kg			04/17/21 19:28	1

Client Sample ID: BH-145 (1') Lab Sample ID: 890-524-9

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/15/21 14:00	04/15/21 21:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/15/21 14:00	04/15/21 21:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/15/21 14:00	04/15/21 21:09	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/15/21 14:00	04/15/21 21:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/15/21 14:00	04/15/21 21:09	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/15/21 14:00	04/15/21 21:09	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		04/15/21 14:00	04/15/21 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/15/21 14:00*	*04/15/21 21:09*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*04/15/21 14:00*	*04/15/21 21:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 15:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 15:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 15:47	1
Total TPH	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*04/15/21 14:38*	*04/16/21 15:47*	*1*
o-Terphenyl	*90*		*70 - 130*	*04/15/21 14:38*	*04/16/21 15:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87.2**		5.04		mg/Kg			04/17/21 19:33	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: BH-146 (1') Lab Sample ID: 890-524-10

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 21:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 21:30	1
Ethylbenzene	**0.00482**		0.00200		mg/Kg		04/15/21 14:00	04/15/21 21:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/15/21 14:00	04/15/21 21:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 21:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/15/21 14:00	04/15/21 21:30	1
Total BTEX	**0.00482**		0.00401		mg/Kg		04/15/21 14:00	04/15/21 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*04/15/21 14:00*	*04/15/21 21:30*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/15/21 14:00*	*04/15/21 21:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/15/21 14:38	04/16/21 16:08	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/15/21 14:38	04/16/21 16:08	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/15/21 14:38	04/16/21 16:08	1
Total TPH	<50.1	U	50.1		mg/Kg		04/15/21 14:38	04/16/21 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*04/15/21 14:38*	*04/16/21 16:08*	*1*
o-Terphenyl	*93*		*70 - 130*	*04/15/21 14:38*	*04/16/21 16:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**81.2**		5.03		mg/Kg			04/17/21 19:38	1

Client Sample ID: BH-147 (1') Lab Sample ID: 890-524-11

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 22:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 22:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 22:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/15/21 14:00	04/15/21 22:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 22:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/15/21 14:00	04/15/21 22:54	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		04/15/21 14:00	04/15/21 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*04/15/21 14:00*	*04/15/21 22:54*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/15/21 14:00*	*04/15/21 22:54*	*1*

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: BH-147 (1') Lab Sample ID: 890-524-11

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 16:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 16:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 16:57	1
Total TPH	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*04/15/21 14:38*	*04/16/21 16:57*	*1*
o-Terphenyl	*91*		*70 - 130*	*04/15/21 14:38*	*04/16/21 16:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.4**		5.00		mg/Kg			04/17/21 19:43	1

Client Sample ID: BH-148 (1') Lab Sample ID: 890-524-12

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/15/21 23:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/15/21 23:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/15/21 23:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/21 14:00	04/15/21 23:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/15/21 23:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/21 14:00	04/15/21 23:15	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/15/21 14:00	04/15/21 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/15/21 14:00*	*04/15/21 23:15*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/15/21 14:00*	*04/15/21 23:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**69.5**		50.0		mg/Kg		04/15/21 14:38	04/16/21 17:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 17:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 17:19	1
Total TPH	**69.5**		50.0		mg/Kg		04/15/21 14:38	04/16/21 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*04/15/21 14:38*	*04/16/21 17:19*	*1*
o-Terphenyl	*87*		*70 - 130*	*04/15/21 14:38*	*04/16/21 17:19*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**77.1**		4.98		mg/Kg			04/17/21 19:58	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: BH-149 (1') Lab Sample ID: 890-524-13

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/15/21 14:00	04/15/21 23:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/15/21 14:00	04/15/21 23:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/15/21 14:00	04/15/21 23:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/15/21 14:00	04/15/21 23:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/15/21 14:00	04/15/21 23:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/15/21 14:00	04/15/21 23:36	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		04/15/21 14:00	04/15/21 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/15/21 14:00*	*04/15/21 23:36*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/15/21 14:00*	*04/15/21 23:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 17:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 17:40	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 17:40	1
Total TPH	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*04/15/21 14:38*	*04/16/21 17:40*	*1*
o-Terphenyl	*91*		*70 - 130*	*04/15/21 14:38*	*04/16/21 17:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.9**		4.96		mg/Kg			04/17/21 20:03	1

Client Sample ID: BH-150 (1') Lab Sample ID: 890-524-14

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 23:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 23:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 23:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/15/21 14:00	04/15/21 23:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 23:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/15/21 14:00	04/15/21 23:56	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		04/15/21 14:00	04/15/21 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*04/15/21 14:00*	*04/15/21 23:56*	*1*
1,4-Difluorobenzene (Surr)	*125*		*70 - 130*	*04/15/21 14:00*	*04/15/21 23:56*	*1*

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: BH-150 (1') Lab Sample ID: 890-524-14

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 18:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 18:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 18:01	1
Total TPH	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*04/15/21 14:38*	*04/16/21 18:01*	*1*
o-Terphenyl	*88*		*70 - 130*	*04/15/21 14:38*	*04/16/21 18:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.3**		4.99		mg/Kg			04/17/21 20:19	1

Client Sample ID: BH-151 (1') Lab Sample ID: 890-524-15

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/16/21 00:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/16/21 00:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/16/21 00:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/21 14:00	04/16/21 00:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/16/21 00:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/21 14:00	04/16/21 00:17	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/15/21 14:00	04/16/21 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*168*	*S1+*	*70 - 130*	*04/15/21 14:00*	*04/16/21 00:17*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/15/21 14:00*	*04/16/21 00:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 18:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 18:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 18:22	1
Total TPH	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*04/15/21 14:38*	*04/16/21 18:22*	*1*
o-Terphenyl	*92*		*70 - 130*	*04/15/21 14:38*	*04/16/21 18:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.2**		4.97		mg/Kg			04/17/21 20:24	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: BH-152 (1') Lab Sample ID: 890-524-16

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/16/21 00:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/16/21 00:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/16/21 00:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/21 14:00	04/16/21 00:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/16/21 00:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/21 14:00	04/16/21 00:38	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/15/21 14:00	04/16/21 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/15/21 14:00*	*04/16/21 00:38*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/15/21 14:00*	*04/16/21 00:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 18:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 18:44	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 18:44	1
Total TPH	<49.9	U	49.9		mg/Kg		04/15/21 14:38	04/16/21 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*04/15/21 14:38*	*04/16/21 18:44*	*1*
o-Terphenyl	*87*		*70 - 130*	*04/15/21 14:38*	*04/16/21 18:44*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.5**		5.00		mg/Kg			04/17/21 20:29	1

Client Sample ID: SW-61 (1') Lab Sample ID: 890-524-17

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/16/21 00:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/16/21 00:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/16/21 00:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/15/21 14:00	04/16/21 00:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/16/21 00:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/15/21 14:00	04/16/21 00:59	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		04/15/21 14:00	04/16/21 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/15/21 14:00*	*04/16/21 00:59*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/15/21 14:00*	*04/16/21 00:59*	*1*

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: SW-61 (1') Lab Sample ID: 890-524-17

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 19:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 19:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 19:05	1
Total TPH	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*04/15/21 14:38*	*04/16/21 19:05*	*1*
o-Terphenyl	*97*		*70 - 130*	*04/15/21 14:38*	*04/16/21 19:05*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.9**		5.01		mg/Kg			04/17/21 20:34	1

Client Sample ID: SW-62 (1') Lab Sample ID: 890-524-18

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/19/21 11:01	04/19/21 21:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/19/21 11:01	04/19/21 21:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/19/21 11:01	04/19/21 21:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/19/21 11:01	04/19/21 21:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/19/21 11:01	04/19/21 21:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/19/21 11:01	04/19/21 21:32	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		04/19/21 11:01	04/19/21 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/19/21 11:01*	*04/19/21 21:32*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/19/21 11:01*	*04/19/21 21:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 19:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 19:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 19:26	1
Total TPH	<49.8	U	49.8		mg/Kg		04/15/21 14:38	04/16/21 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*04/15/21 14:38*	*04/16/21 19:26*	*1*
o-Terphenyl	*91*		*70 - 130*	*04/15/21 14:38*	*04/16/21 19:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.1**		5.01		mg/Kg			04/17/21 03:14	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: SW-63 (1') Lab Sample ID: 890-524-19

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/15/21 14:00	04/16/21 01:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/15/21 14:00	04/16/21 01:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/15/21 14:00	04/16/21 01:40	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/15/21 14:00	04/16/21 01:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/15/21 14:00	04/16/21 01:40	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/15/21 14:00	04/16/21 01:40	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		04/15/21 14:00	04/16/21 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/15/21 14:00*	*04/16/21 01:40*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/15/21 14:00*	*04/16/21 01:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 19:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 19:48	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 19:48	1
Total TPH	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*04/15/21 14:38*	*04/16/21 19:48*	*1*
o-Terphenyl	*92*		*70 - 130*	*04/15/21 14:38*	*04/16/21 19:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.0**		5.03		mg/Kg			04/17/21 03:29	1

Client Sample ID: SW-64 (1') Lab Sample ID: 890-524-20

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/16/21 02:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/16/21 02:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/16/21 02:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/21 14:00	04/16/21 02:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/21 14:00	04/16/21 02:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/21 14:00	04/16/21 02:01	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/15/21 14:00	04/16/21 02:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/15/21 14:00*	*04/16/21 02:01*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*04/15/21 14:00*	*04/16/21 02:01*	*1*

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: SW-64 (1') **Lab Sample ID: 890-524-20**
Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45
Sample Depth: - 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/15/21 14:38	04/16/21 20:09	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/15/21 14:38	04/16/21 20:09	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/15/21 14:38	04/16/21 20:09	1
Total TPH	<50.1	U	50.1		mg/Kg		04/15/21 14:38	04/16/21 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*04/15/21 14:38*	*04/16/21 20:09*	*1*
o-Terphenyl	*88*		*70 - 130*	*04/15/21 14:38*	*04/16/21 20:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.1**		5.03		mg/Kg			04/17/21 03:34	1

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-524-1	BH-137 (1')	142 S1+	94
890-524-1 MS	BH-137 (1')	119	66 S1-
890-524-1 MSD	BH-137 (1')	173 S1+	20 S1-
890-524-2	BH-138 (1')	230 S1+	65 S1-
890-524-3	BH-139 (1')	94	113
890-524-4	BH-140 (1')	106	117
890-524-5	BH-141 (1')	96	118
890-524-6	BH-142 (1')	97	112
890-524-7	BH-143 (1')	202 S1+	106
890-524-8	BH-144 (1')	103	121
890-524-9	BH-145 (1')	105	114
890-524-10	BH-146 (1')	68 S1-	93
890-524-11	BH-147 (1')	129	87
890-524-12	BH-148 (1')	117	97
890-524-13	BH-149 (1')	105	79
890-524-14	BH-150 (1')	76	125
890-524-15	BH-151 (1')	168 S1+	82
890-524-16	BH-152 (1')	93	107
890-524-17	SW-61 (1')	102	81
890-524-18	SW-62 (1')	105	77
890-524-19	SW-63 (1')	117	96
890-524-20	SW-64 (1')	104	114
LCS 880-1828/1-A	Lab Control Sample	94	106
LCS 880-1975/1-A	Lab Control Sample	98	106
LCSD 880-1828/2-A	Lab Control Sample Dup	97	106
LCSD 880-1975/2-A	Lab Control Sample Dup	98	106
MB 880-1828/5-A	Method Blank	116	97
MB 880-1975/5-A	Method Blank	97	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-524-1	BH-137 (1')	87	85
890-524-1 MS	BH-137 (1')	97	87
890-524-1 MSD	BH-137 (1')	96	86
890-524-2	BH-138 (1')	91	89
890-524-3	BH-139 (1')	95	95
890-524-4	BH-140 (1')	93	91
890-524-5	BH-141 (1')	95	94
890-524-6	BH-142 (1')	92	89
890-524-7	BH-143 (1')	93	92
890-524-8	BH-144 (1')	90	89
890-524-9	BH-145 (1')	92	90

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
890-524-10	BH-146 (1')	97	93								
890-524-11	BH-147 (1')	93	91								
890-524-12	BH-148 (1')	90	87								
890-524-13	BH-149 (1')	91	91								
890-524-14	BH-150 (1')	90	88								
890-524-15	BH-151 (1')	97	92								
890-524-16	BH-152 (1')	88	87								
890-524-17	SW-61 (1')	97	97								
890-524-18	SW-62 (1')	90	91								
890-524-19	SW-63 (1')	94	92								
890-524-20	SW-64 (1')	89	88								
LCS 880-1834/2-A	Lab Control Sample	96	90								
LCSD 880-1834/3-A	Lab Control Sample Dup	94	90								
MB 880-1834/1-A	Method Blank	92	96								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-1828/5-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1829 **Prep Batch: 1828**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 18:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 18:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 18:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/21 14:00	04/15/21 18:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/21 14:00	04/15/21 18:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/21 14:00	04/15/21 18:01	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/15/21 14:00	04/15/21 18:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/15/21 14:00*	*04/15/21 18:01*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/15/21 14:00*	*04/15/21 18:01*	*1*

Lab Sample ID: LCS 880-1828/1-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1829 **Prep Batch: 1828**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.08763		mg/Kg		88	70 - 130		
Toluene			0.100	0.09865		mg/Kg		99	70 - 130		
Ethylbenzene			0.100	0.09461		mg/Kg		95	70 - 130		
m-Xylene & p-Xylene			0.200	0.1955		mg/Kg		98	70 - 130		
o-Xylene			0.100	0.09530		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-1828/2-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1829 **Prep Batch: 1828**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09590		mg/Kg		96	70 - 130	9	35
Toluene			0.100	0.1092		mg/Kg		109	70 - 130	10	35
Ethylbenzene			0.100	0.1042		mg/Kg		104	70 - 130	10	35
m-Xylene & p-Xylene			0.200	0.2217		mg/Kg		111	70 - 130	13	35
o-Xylene			0.100	0.1075		mg/Kg		107	70 - 130	12	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 890-524-1 MS **Client Sample ID: BH-137 (1')**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1829 **Prep Batch: 1828**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00198	U F1	0.0996	0.05006	F1	mg/Kg		50	70 - 130		

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

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

Lab Sample ID: 890-524-1 MS **Client Sample ID: BH-137 (1')**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1829 **Prep Batch: 1828**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00198	U	0.0996	0.09309		mg/Kg		93	70 - 130
Ethylbenzene	<0.00198	U F1	0.0996	0.1001		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.199	0.2141		mg/Kg		107	70 - 130
o-Xylene	<0.00198	U F1 F2	0.0996	0.1026		mg/Kg		103	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*66*	*S1-*	*70 - 130*

Lab Sample ID: 890-524-1 MSD **Client Sample ID: BH-137 (1')**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1829 **Prep Batch: 1828**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U F1	0.0996	0.05734	F1	mg/Kg		58	70 - 130	14	35
Toluene	<0.00198	U	0.0996	0.1273		mg/Kg		128	70 - 130	31	35
Ethylbenzene	<0.00198	U F1	0.0996	0.1411	F1	mg/Kg		142	70 - 130	34	35
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.199	0.3394	F1 F2	mg/Kg		170	70 - 130	45	35
o-Xylene	<0.00198	U F1 F2	0.0996	0.1662	F1 F2	mg/Kg		167	70 - 130	47	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*173*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*20*	*S1-*	*70 - 130*

Lab Sample ID: MB 880-1975/5-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1974 **Prep Batch: 1975**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/19/21 11:01	04/19/21 13:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/19/21 11:01	04/19/21 13:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/19/21 11:01	04/19/21 13:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/19/21 11:01	04/19/21 13:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/19/21 11:01	04/19/21 13:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/19/21 11:01	04/19/21 13:55	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/19/21 11:01	04/19/21 13:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/19/21 11:01*	*04/19/21 13:55*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/19/21 11:01*	*04/19/21 13:55*	*1*

Lab Sample ID: LCS 880-1975/1-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1974 **Prep Batch: 1975**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08818		mg/Kg		88	70 - 130
Toluene	0.100	0.09256		mg/Kg		93	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

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

Lab Sample ID: LCS 880-1975/1-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1974 **Prep Batch: 1975**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylbenzene			0.100	0.09748		mg/Kg		97	70 - 130		
m-Xylene & p-Xylene			0.200	0.1951		mg/Kg		98	70 - 130		
o-Xylene			0.100	0.09469		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-1975/2-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1974 **Prep Batch: 1975**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09326		mg/Kg		93	70 - 130	6	35
Toluene			0.100	0.09526		mg/Kg		95	70 - 130	3	35
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.2053		mg/Kg		103	70 - 130	5	35
o-Xylene			0.100	0.09991		mg/Kg		100	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

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

Lab Sample ID: MB 880-1834/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1862 **Prep Batch: 1834**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 11:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 11:10	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 11:10	1
Total TPH	<50.0	U	50.0		mg/Kg		04/15/21 14:38	04/16/21 11:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*04/15/21 14:38*	*04/16/21 11:10*	*1*
o-Terphenyl	*96*		*70 - 130*	*04/15/21 14:38*	*04/16/21 11:10*	*1*

Lab Sample ID: LCS 880-1834/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1862 **Prep Batch: 1834**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1041		mg/Kg		104	70 - 130		

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

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

Lab Sample ID: LCS 880-1834/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1862 **Prep Batch: 1834**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics (Over C10-C28)			1000	940.3		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*90*		*70 - 130*

Lab Sample ID: LCSD 880-1834/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1862 **Prep Batch: 1834**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1053		mg/Kg		105	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	945.5		mg/Kg		95	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*
o-Terphenyl	*90*		*70 - 130*

Lab Sample ID: 890-524-1 MS **Client Sample ID: BH-137 (1')**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1862 **Prep Batch: 1834**

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	1080		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	989.0		mg/Kg		96	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*97*		*70 - 130*
o-Terphenyl	*87*		*70 - 130*

Lab Sample ID: 890-524-1 MSD **Client Sample ID: BH-137 (1')**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1862 **Prep Batch: 1834**

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	998	1023		mg/Kg		99	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	995.4		mg/Kg		97	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*86*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-1849/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 1919

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/17/21 01:27	1

Lab Sample ID: LCS 880-1849/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 1919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	253.4		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-1849/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 1919

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	251.8		mg/Kg		101	90 - 110	1	20

Lab Sample ID: MB 880-1848/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 1931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/17/21 18:16	1

Lab Sample ID: LCS 880-1848/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 1931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	242.3		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-1848/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 1931

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	246.4		mg/Kg		99	90 - 110	2	20

Lab Sample ID: 890-524-1 MS — **Client Sample ID: BH-137 (1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 1931

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	49.7		250	292.7		mg/Kg		97	90 - 110

Lab Sample ID: 890-524-1 MSD — **Client Sample ID: BH-137 (1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 1931

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	49.7		250	295.4		mg/Kg		98	90 - 110	1	20

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-524-11 MS **Client Sample ID: BH-147 (1')**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 1931

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	92.4		250	344.0		mg/Kg		101	90 - 110		

Lab Sample ID: 890-524-11 MSD **Client Sample ID: BH-147 (1')**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 1931

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	92.4		250	338.5		mg/Kg		98	90 - 110	2	20

QC Association Summary

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

GC VOA

Prep Batch: 1828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-524-1	BH-137 (1')	Total/NA	Solid	5035	
890-524-2	BH-138 (1')	Total/NA	Solid	5035	
890-524-3	BH-139 (1')	Total/NA	Solid	5035	
890-524-4	BH-140 (1')	Total/NA	Solid	5035	
890-524-5	BH-141 (1')	Total/NA	Solid	5035	
890-524-6	BH-142 (1')	Total/NA	Solid	5035	
890-524-7	BH-143 (1')	Total/NA	Solid	5035	
890-524-8	BH-144 (1')	Total/NA	Solid	5035	
890-524-9	BH-145 (1')	Total/NA	Solid	5035	
890-524-10	BH-146 (1')	Total/NA	Solid	5035	
890-524-11	BH-147 (1')	Total/NA	Solid	5035	
890-524-12	BH-148 (1')	Total/NA	Solid	5035	
890-524-13	BH-149 (1')	Total/NA	Solid	5035	
890-524-14	BH-150 (1')	Total/NA	Solid	5035	
890-524-15	BH-151 (1')	Total/NA	Solid	5035	
890-524-16	BH-152 (1')	Total/NA	Solid	5035	
890-524-17	SW-61 (1')	Total/NA	Solid	5035	
890-524-19	SW-63 (1')	Total/NA	Solid	5035	
890-524-20	SW-64 (1')	Total/NA	Solid	5035	
MB 880-1828/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-1828/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-1828/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-524-1 MS	BH-137 (1')	Total/NA	Solid	5035	
890-524-1 MSD	BH-137 (1')	Total/NA	Solid	5035	

Analysis Batch: 1829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-524-1	BH-137 (1')	Total/NA	Solid	8021B	1828
890-524-2	BH-138 (1')	Total/NA	Solid	8021B	1828
890-524-3	BH-139 (1')	Total/NA	Solid	8021B	1828
890-524-4	BH-140 (1')	Total/NA	Solid	8021B	1828
890-524-5	BH-141 (1')	Total/NA	Solid	8021B	1828
890-524-6	BH-142 (1')	Total/NA	Solid	8021B	1828
890-524-7	BH-143 (1')	Total/NA	Solid	8021B	1828
890-524-8	BH-144 (1')	Total/NA	Solid	8021B	1828
890-524-9	BH-145 (1')	Total/NA	Solid	8021B	1828
890-524-10	BH-146 (1')	Total/NA	Solid	8021B	1828
890-524-11	BH-147 (1')	Total/NA	Solid	8021B	1828
890-524-12	BH-148 (1')	Total/NA	Solid	8021B	1828
890-524-13	BH-149 (1')	Total/NA	Solid	8021B	1828
890-524-14	BH-150 (1')	Total/NA	Solid	8021B	1828
890-524-15	BH-151 (1')	Total/NA	Solid	8021B	1828
890-524-16	BH-152 (1')	Total/NA	Solid	8021B	1828
890-524-17	SW-61 (1')	Total/NA	Solid	8021B	1828
890-524-19	SW-63 (1')	Total/NA	Solid	8021B	1828
890-524-20	SW-64 (1')	Total/NA	Solid	8021B	1828
MB 880-1828/5-A	Method Blank	Total/NA	Solid	8021B	1828
LCS 880-1828/1-A	Lab Control Sample	Total/NA	Solid	8021B	1828
LCSD 880-1828/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	1828
890-524-1 MS	BH-137 (1')	Total/NA	Solid	8021B	1828
890-524-1 MSD	BH-137 (1')	Total/NA	Solid	8021B	1828

QC Association Summary

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

GC VOA

Analysis Batch: 1974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-524-18	SW-62 (1')	Total/NA	Solid	8021B	1975
MB 880-1975/5-A	Method Blank	Total/NA	Solid	8021B	1975
LCS 880-1975/1-A	Lab Control Sample	Total/NA	Solid	8021B	1975
LCSD 880-1975/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	1975

Prep Batch: 1975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-524-18	SW-62 (1')	Total/NA	Solid	5035	
MB 880-1975/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-1975/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-1975/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 1834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-524-1	BH-137 (1')	Total/NA	Solid	8015NM Prep	
890-524-2	BH-138 (1')	Total/NA	Solid	8015NM Prep	
890-524-3	BH-139 (1')	Total/NA	Solid	8015NM Prep	
890-524-4	BH-140 (1')	Total/NA	Solid	8015NM Prep	
890-524-5	BH-141 (1')	Total/NA	Solid	8015NM Prep	
890-524-6	BH-142 (1')	Total/NA	Solid	8015NM Prep	
890-524-7	BH-143 (1')	Total/NA	Solid	8015NM Prep	
890-524-8	BH-144 (1')	Total/NA	Solid	8015NM Prep	
890-524-9	BH-145 (1')	Total/NA	Solid	8015NM Prep	
890-524-10	BH-146 (1')	Total/NA	Solid	8015NM Prep	
890-524-11	BH-147 (1')	Total/NA	Solid	8015NM Prep	
890-524-12	BH-148 (1')	Total/NA	Solid	8015NM Prep	
890-524-13	BH-149 (1')	Total/NA	Solid	8015NM Prep	
890-524-14	BH-150 (1')	Total/NA	Solid	8015NM Prep	
890-524-15	BH-151 (1')	Total/NA	Solid	8015NM Prep	
890-524-16	BH-152 (1')	Total/NA	Solid	8015NM Prep	
890-524-17	SW-61 (1')	Total/NA	Solid	8015NM Prep	
890-524-18	SW-62 (1')	Total/NA	Solid	8015NM Prep	
890-524-19	SW-63 (1')	Total/NA	Solid	8015NM Prep	
890-524-20	SW-64 (1')	Total/NA	Solid	8015NM Prep	
MB 880-1834/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-1834/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-1834/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-524-1 MS	BH-137 (1')	Total/NA	Solid	8015NM Prep	
890-524-1 MSD	BH-137 (1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 1862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-524-1	BH-137 (1')	Total/NA	Solid	8015B NM	1834
890-524-2	BH-138 (1')	Total/NA	Solid	8015B NM	1834
890-524-3	BH-139 (1')	Total/NA	Solid	8015B NM	1834
890-524-4	BH-140 (1')	Total/NA	Solid	8015B NM	1834
890-524-5	BH-141 (1')	Total/NA	Solid	8015B NM	1834
890-524-6	BH-142 (1')	Total/NA	Solid	8015B NM	1834
890-524-7	BH-143 (1')	Total/NA	Solid	8015B NM	1834

QC Association Summary

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

GC Semi VOA (Continued)

Analysis Batch: 1862 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-524-8	BH-144 (1')	Total/NA	Solid	8015B NM	1834
890-524-9	BH-145 (1')	Total/NA	Solid	8015B NM	1834
890-524-10	BH-146 (1')	Total/NA	Solid	8015B NM	1834
890-524-11	BH-147 (1')	Total/NA	Solid	8015B NM	1834
890-524-12	BH-148 (1')	Total/NA	Solid	8015B NM	1834
890-524-13	BH-149 (1')	Total/NA	Solid	8015B NM	1834
890-524-14	BH-150 (1')	Total/NA	Solid	8015B NM	1834
890-524-15	BH-151 (1')	Total/NA	Solid	8015B NM	1834
890-524-16	BH-152 (1')	Total/NA	Solid	8015B NM	1834
890-524-17	SW-61 (1')	Total/NA	Solid	8015B NM	1834
890-524-18	SW-62 (1')	Total/NA	Solid	8015B NM	1834
890-524-19	SW-63 (1')	Total/NA	Solid	8015B NM	1834
890-524-20	SW-64 (1')	Total/NA	Solid	8015B NM	1834
MB 880-1834/1-A	Method Blank	Total/NA	Solid	8015B NM	1834
LCS 880-1834/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	1834
LCSD 880-1834/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	1834
890-524-1 MS	BH-137 (1')	Total/NA	Solid	8015B NM	1834
890-524-1 MSD	BH-137 (1')	Total/NA	Solid	8015B NM	1834

HPLC/IC

Leach Batch: 1848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-524-1	BH-137 (1')	Soluble	Solid	DI Leach	
890-524-2	BH-138 (1')	Soluble	Solid	DI Leach	
890-524-3	BH-139 (1')	Soluble	Solid	DI Leach	
890-524-4	BH-140 (1')	Soluble	Solid	DI Leach	
890-524-5	BH-141 (1')	Soluble	Solid	DI Leach	
890-524-6	BH-142 (1')	Soluble	Solid	DI Leach	
890-524-7	BH-143 (1')	Soluble	Solid	DI Leach	
890-524-8	BH-144 (1')	Soluble	Solid	DI Leach	
890-524-9	BH-145 (1')	Soluble	Solid	DI Leach	
890-524-10	BH-146 (1')	Soluble	Solid	DI Leach	
890-524-11	BH-147 (1')	Soluble	Solid	DI Leach	
890-524-12	BH-148 (1')	Soluble	Solid	DI Leach	
890-524-13	BH-149 (1')	Soluble	Solid	DI Leach	
890-524-14	BH-150 (1')	Soluble	Solid	DI Leach	
890-524-15	BH-151 (1')	Soluble	Solid	DI Leach	
890-524-16	BH-152 (1')	Soluble	Solid	DI Leach	
890-524-17	SW-61 (1')	Soluble	Solid	DI Leach	
MB 880-1848/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-1848/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1848/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-524-1 MS	BH-137 (1')	Soluble	Solid	DI Leach	
890-524-1 MSD	BH-137 (1')	Soluble	Solid	DI Leach	
890-524-11 MS	BH-147 (1')	Soluble	Solid	DI Leach	
890-524-11 MSD	BH-147 (1')	Soluble	Solid	DI Leach	

Leach Batch: 1849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-524-18	SW-62 (1')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

HPLC/IC (Continued)

Leach Batch: 1849 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-524-19	SW-63 (1')	Soluble	Solid	DI Leach	
890-524-20	SW-64 (1')	Soluble	Solid	DI Leach	
MB 880-1849/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-1849/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1849/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 1919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-524-18	SW-62 (1')	Soluble	Solid	300.0	1849
890-524-19	SW-63 (1')	Soluble	Solid	300.0	1849
890-524-20	SW-64 (1')	Soluble	Solid	300.0	1849
MB 880-1849/1-A	Method Blank	Soluble	Solid	300.0	1849
LCS 880-1849/2-A	Lab Control Sample	Soluble	Solid	300.0	1849
LCSD 880-1849/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1849

Analysis Batch: 1931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-524-1	BH-137 (1')	Soluble	Solid	300.0	1848
890-524-2	BH-138 (1')	Soluble	Solid	300.0	1848
890-524-3	BH-139 (1')	Soluble	Solid	300.0	1848
890-524-4	BH-140 (1')	Soluble	Solid	300.0	1848
890-524-5	BH-141 (1')	Soluble	Solid	300.0	1848
890-524-6	BH-142 (1')	Soluble	Solid	300.0	1848
890-524-7	BH-143 (1')	Soluble	Solid	300.0	1848
890-524-8	BH-144 (1')	Soluble	Solid	300.0	1848
890-524-9	BH-145 (1')	Soluble	Solid	300.0	1848
890-524-10	BH-146 (1')	Soluble	Solid	300.0	1848
890-524-11	BH-147 (1')	Soluble	Solid	300.0	1848
890-524-12	BH-148 (1')	Soluble	Solid	300.0	1848
890-524-13	BH-149 (1')	Soluble	Solid	300.0	1848
890-524-14	BH-150 (1')	Soluble	Solid	300.0	1848
890-524-15	BH-151 (1')	Soluble	Solid	300.0	1848
890-524-16	BH-152 (1')	Soluble	Solid	300.0	1848
890-524-17	SW-61 (1')	Soluble	Solid	300.0	1848
MB 880-1848/1-A	Method Blank	Soluble	Solid	300.0	1848
LCS 880-1848/2-A	Lab Control Sample	Soluble	Solid	300.0	1848
LCSD 880-1848/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1848
890-524-1 MS	BH-137 (1')	Soluble	Solid	300.0	1848
890-524-1 MSD	BH-137 (1')	Soluble	Solid	300.0	1848
890-524-11 MS	BH-147 (1')	Soluble	Solid	300.0	1848
890-524-11 MSD	BH-147 (1')	Soluble	Solid	300.0	1848

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: BH-137 (1') Lab Sample ID: 890-524-1

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/15/21 18:23	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 12:13	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 18:32	WP	XM

Client Sample ID: BH-138 (1') Lab Sample ID: 890-524-2

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/15/21 18:44	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 13:17	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 18:47	WP	XM

Client Sample ID: BH-139 (1') Lab Sample ID: 890-524-3

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/15/21 19:05	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 13:38	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 18:52	WP	XM

Client Sample ID: BH-140 (1') Lab Sample ID: 890-524-4

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/15/21 19:25	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 14:00	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 18:57	WP	XM

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: BH-141 (1') Lab Sample ID: 890-524-5

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/15/21 19:46	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 14:21	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 19:02	WP	XM

Client Sample ID: BH-142 (1') Lab Sample ID: 890-524-6

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/15/21 20:07	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 14:42	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 19:17	WP	XM

Client Sample ID: BH-143 (1') Lab Sample ID: 890-524-7

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/15/21 20:28	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 15:04	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 19:23	WP	XM

Client Sample ID: BH-144 (1') Lab Sample ID: 890-524-8

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/15/21 20:48	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 15:25	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 19:28	WP	XM

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: BH-145 (1') Lab Sample ID: 890-524-9

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/15/21 21:09	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 15:47	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 19:33	WP	XM

Client Sample ID: BH-146 (1') Lab Sample ID: 890-524-10

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/15/21 21:30	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 16:08	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 19:38	WP	XM

Client Sample ID: BH-147 (1') Lab Sample ID: 890-524-11

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/15/21 22:54	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 16:57	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 19:43	WP	XM

Client Sample ID: BH-148 (1') Lab Sample ID: 890-524-12

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/15/21 23:15	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 17:19	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 19:58	WP	XM

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: BH-149 (1') Lab Sample ID: 890-524-13

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/15/21 23:36	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 17:40	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 20:03	WP	XM

Client Sample ID: BH-150 (1') Lab Sample ID: 890-524-14

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/15/21 23:56	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 18:01	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 20:19	WP	XM

Client Sample ID: BH-151 (1') Lab Sample ID: 890-524-15

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/16/21 00:17	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 18:22	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 20:24	WP	XM

Client Sample ID: BH-152 (1') Lab Sample ID: 890-524-16

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/16/21 00:38	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 18:44	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 20:29	WP	XM

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Client Sample ID: SW-61 (1') Lab Sample ID: 890-524-17

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/16/21 00:59	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 19:05	AJ	XM
Soluble	Leach	DI Leach			1848	04/15/21 17:50	SC	XM
Soluble	Analysis	300.0		1	1931	04/17/21 20:34	WP	XM

Client Sample ID: SW-62 (1') Lab Sample ID: 890-524-18

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1975	04/19/21 11:01	MR	XM
Total/NA	Analysis	8021B		1	1974	04/19/21 21:32	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 19:26	AJ	XM
Soluble	Leach	DI Leach			1849	04/15/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1919	04/17/21 03:14	WP	XM

Client Sample ID: SW-63 (1') Lab Sample ID: 890-524-19

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/16/21 01:40	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 19:48	AJ	XM
Soluble	Leach	DI Leach			1849	04/15/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1919	04/17/21 03:29	WP	XM

Client Sample ID: SW-64 (1') Lab Sample ID: 890-524-20

Date Collected: 04/13/21 00:00 **Matrix: Solid**
Date Received: 04/14/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1828	04/15/21 14:00	KL	XM
Total/NA	Analysis	8021B		1	1829	04/16/21 02:01	MR	XM
Total/NA	Prep	8015NM Prep			1834	04/15/21 14:38	DM	XM
Total/NA	Analysis	8015B NM		1	1862	04/16/21 20:09	AJ	XM
Soluble	Leach	DI Leach			1849	04/15/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1919	04/17/21 03:34	WP	XM

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc. Job ID: 890-524-1
Project/Site: Fox 30 State Com 212C-MD-02339 SDG: Lea County New mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XM
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XM
300.0	Anions, Ion Chromatography	MCAWW	XM
5035	Closed System Purge and Trap	SW846	XM
8015NM Prep	Microextraction	SW846	XM
DI Leach	Deionized Water Leaching Procedure	ASTM	XM

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.

Laboratory References:

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

Sample Summary

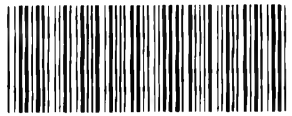
Client: Tetra Tech, Inc.
Project/Site: Fox 30 State Com 212C-MD-02339

Job ID: 890-524-1
SDG: Lea County New mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-524-1	BH-137 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-2	BH-138 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-3	BH-139 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-4	BH-140 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-5	BH-141 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-6	BH-142 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-7	BH-143 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-8	BH-144 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-9	BH-145 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-10	BH-146 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-11	BH-147 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-12	BH-148 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-13	BH-149 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-14	BH-150 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-15	BH-151 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-16	BH-152 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-17	SW-61 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-18	SW-62 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-19	SW-63 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1
890-524-20	SW-64 (1')	Solid	04/13/21 00:00	04/14/21 15:45	- 1

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Analysis Request of Chain of Custody Record



890-524 Chain of Custody

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4/20/2021

Tetra Tech, Inc.

9701 W Wall Street Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG Resources	Site Manager: Brittany Long (Brittany.Long@tetratech.com)
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02339
Invoice to: Todd Wells	
Receiving Laboratory: XenCO	Sampler Signature:
Comments:	

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB #	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
	BH-137 (1')	4/13/21			X			X				X		X												X				
	BH-138 (1')																													
	BH-139 (1')																													
	BH-140 (1')																													
	BH-141 (1')																													
	BH-142 (1')																													
	BH-143 (1')																													
	BH-144 (1')																													
	BH-145 (1')																													
	BH-146 (1')																													

Relinquished by:	Date:	Time:	Received by: Date: Time:
Eunice Munoz			Clara Cuffo 4.14.21 1545
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY

Sample Temperature 3.8/3.4

REMARKS:

- ☐ STANDARD
- ☒ : 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

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Received by OCD: 12/21/2021 3:26:13 PM

Released to Imaging: 1/14/2022 2:45:36 PM

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

90 W Wall Street Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG Resources	Site Manager: Brittany Long
Project Name: Fox 30 State Com	Brittany.Long@tetratech.com
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02339
Invoice to: Todd Wells	
Receiving Laboratory: Xenco	Sampler Signature: Brittany Long
Comments:	

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB #	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)
	BH-147 (1')	4/13/21			X			X			
	BH-148 (1')										
	BH-149 (1')										
	BH-150 (1')										
	BH-151 (1')										
	BH-152 (1')										
	SW-61 (1')										
	SW-62 (1')										
	SW-63 (1')										
	SW-64 (1')										

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

Relinquished by: Brittany Long Date: Time:

Received by: Cloe Cuffo 4.14.21 1545 Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

LAB USE ONLY

Sample Temperature: Rg 1

REMARKS:

- ☐ STANDARD
- ☒ 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

Received by OCD: 12/21/2021 3:26:13 PM

Released to Imaging: 1/14/2022 2:45:36 PM

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-524-1
SDG Number: Lea County New mexico

Login Number: 524
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.	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	

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-524-1
SDG Number: Lea County New mexico

Login Number: 524
List Number: 2
Creator: Copeland, Tatiana

List Source: Eurofins Midland
List Creation: 04/15/21 02:26 PM

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.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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").	True	

CARDINAL Laboratories

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

April 07, 2021

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: FOX 30 STATE COM

Enclosed are the results of analyses for samples received by the laboratory on 04/06/21 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/06/2021	Sampling Date:	04/06/2021
Reported:	04/07/2021	Sampling Type:	Soil
Project Name:	FOX 30 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02339	Sample Received By:	Jodi Henson
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 130 (H210847-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2021	ND	2.01	100	2.00	7.11	
Toluene*	<0.050	0.050	04/07/2021	ND	1.94	97.1	2.00	8.13	
Ethylbenzene*	<0.050	0.050	04/07/2021	ND	1.89	94.7	2.00	7.64	
Total Xylenes*	<0.150	0.150	04/07/2021	ND	5.64	94.0	6.00	7.10	
Total BTEX	<0.300	0.300	04/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/07/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2021	ND	213	107	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/06/2021	ND	218	109	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	04/06/2021	ND					

Surrogate: 1-Chlorooctane *92.7 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *93.1 %* *42.2-156*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	04/06/2021	Sampling Date:	04/06/2021
Reported:	04/07/2021	Sampling Type:	Soil
Project Name:	FOX 30 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02339	Sample Received By:	Jodi Henson
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 131 (H210847-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2021	ND	2.01	100	2.00	7.11	
Toluene*	<0.050	0.050	04/07/2021	ND	1.94	97.1	2.00	8.13	
Ethylbenzene*	<0.050	0.050	04/07/2021	ND	1.89	94.7	2.00	7.64	
Total Xylenes*	<0.150	0.150	04/07/2021	ND	5.64	94.0	6.00	7.10	
Total BTEX	<0.300	0.300	04/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/07/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2021	ND	213	107	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/06/2021	ND	218	109	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	04/06/2021	ND					

Surrogate: 1-Chlorooctane *94.5 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *95.8 %* *42.2-156*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	04/06/2021	Sampling Date:	04/06/2021
Reported:	04/07/2021	Sampling Type:	Soil
Project Name:	FOX 30 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02339	Sample Received By:	Jodi Henson
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 132 (H210847-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2021	ND	2.01	100	2.00	7.11	
Toluene*	<0.050	0.050	04/07/2021	ND	1.94	97.1	2.00	8.13	
Ethylbenzene*	<0.050	0.050	04/07/2021	ND	1.89	94.7	2.00	7.64	
Total Xylenes*	<0.150	0.150	04/07/2021	ND	5.64	94.0	6.00	7.10	
Total BTEX	<0.300	0.300	04/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/07/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2021	ND	213	107	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/06/2021	ND	218	109	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	04/06/2021	ND					

Surrogate: 1-Chlorooctane *87.1 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *87.4 %* *42.2-156*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	04/06/2021	Sampling Date:	04/06/2021
Reported:	04/07/2021	Sampling Type:	Soil
Project Name:	FOX 30 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02339	Sample Received By:	Jodi Henson
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 133 (H210847-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2021	ND	2.01	100	2.00	7.11	
Toluene*	<0.050	0.050	04/07/2021	ND	1.94	97.1	2.00	8.13	
Ethylbenzene*	<0.050	0.050	04/07/2021	ND	1.89	94.7	2.00	7.64	
Total Xylenes*	<0.150	0.150	04/07/2021	ND	5.64	94.0	6.00	7.10	
Total BTEX	<0.300	0.300	04/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/07/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2021	ND	213	107	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/06/2021	ND	218	109	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	04/06/2021	ND					

Surrogate: 1-Chlorooctane *90.6 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *93.3 %* *42.2-156*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	04/06/2021	Sampling Date:	04/06/2021
Reported:	04/07/2021	Sampling Type:	Soil
Project Name:	FOX 30 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02339	Sample Received By:	Jodi Henson
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 134 (H210847-05)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2021	ND	2.01	100	2.00	7.11	
Toluene*	<0.050	0.050	04/07/2021	ND	1.94	97.1	2.00	8.13	
Ethylbenzene*	<0.050	0.050	04/07/2021	ND	1.89	94.7	2.00	7.64	
Total Xylenes*	<0.150	0.150	04/07/2021	ND	5.64	94.0	6.00	7.10	
Total BTEX	<0.300	0.300	04/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/07/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2021	ND	213	107	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/06/2021	ND	218	109	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	04/06/2021	ND					

Surrogate: 1-Chlorooctane *96.9 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *96.6 %* *42.2-156*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	04/06/2021	Sampling Date:	04/06/2021
Reported:	04/07/2021	Sampling Type:	Soil
Project Name:	FOX 30 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02339	Sample Received By:	Jodi Henson
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 135 (H210847-06)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2021	ND	2.01	100	2.00	7.11	
Toluene*	<0.050	0.050	04/07/2021	ND	1.94	97.1	2.00	8.13	
Ethylbenzene*	<0.050	0.050	04/07/2021	ND	1.89	94.7	2.00	7.64	
Total Xylenes*	<0.150	0.150	04/07/2021	ND	5.64	94.0	6.00	7.10	
Total BTEX	<0.300	0.300	04/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/07/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2021	ND	213	107	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/06/2021	ND	218	109	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	04/06/2021	ND					

Surrogate: 1-Chlorooctane *87.0 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *89.3 %* *42.2-156*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	04/06/2021	Sampling Date:	04/06/2021
Reported:	04/07/2021	Sampling Type:	Soil
Project Name:	FOX 30 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02339	Sample Received By:	Jodi Henson
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 136 (H210847-07)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2021	ND	2.01	100	2.00	7.11	
Toluene*	<0.050	0.050	04/07/2021	ND	1.94	97.1	2.00	8.13	
Ethylbenzene*	<0.050	0.050	04/07/2021	ND	1.89	94.7	2.00	7.64	
Total Xylenes*	<0.150	0.150	04/07/2021	ND	5.64	94.0	6.00	7.10	
Total BTEX	<0.300	0.300	04/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	04/07/2021	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2021	ND	213	107	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/06/2021	ND	218	109	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	04/06/2021	ND					

Surrogate: 1-Chlorooctane *92.8 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *94.3 %* *42.2-156*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	04/06/2021	Sampling Date:	04/06/2021
Reported:	04/07/2021	Sampling Type:	Soil
Project Name:	FOX 30 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02339	Sample Received By:	Jodi Henson
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 54 (H210847-08)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2021	ND	2.01	100	2.00	7.11	
Toluene*	<0.050	0.050	04/07/2021	ND	1.94	97.1	2.00	8.13	
Ethylbenzene*	<0.050	0.050	04/07/2021	ND	1.89	94.7	2.00	7.64	
Total Xylenes*	<0.150	0.150	04/07/2021	ND	5.64	94.0	6.00	7.10	
Total BTEX	<0.300	0.300	04/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.8 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	04/07/2021	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2021	ND	213	107	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/07/2021	ND	218	109	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	04/07/2021	ND					

Surrogate: 1-Chlorooctane *91.6 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *92.4 %* *42.2-156*

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Analytical Results For:

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

Received:	04/06/2021	Sampling Date:	04/06/2021
Reported:	04/07/2021	Sampling Type:	Soil
Project Name:	FOX 30 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02339	Sample Received By:	Jodi Henson
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 55 (H210847-09)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2021	ND	2.01	100	2.00	7.11	
Toluene*	<0.050	0.050	04/07/2021	ND	1.94	97.1	2.00	8.13	
Ethylbenzene*	<0.050	0.050	04/07/2021	ND	1.89	94.7	2.00	7.64	
Total Xylenes*	<0.150	0.150	04/07/2021	ND	5.64	94.0	6.00	7.10	
Total BTEX	<0.300	0.300	04/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	04/07/2021	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2021	ND	213	107	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/07/2021	ND	218	109	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	04/07/2021	ND					

Surrogate: 1-Chlorooctane *89.1 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *90.5 %* *42.2-156*

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Analytical Results For:

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

Received:	04/06/2021	Sampling Date:	04/06/2021
Reported:	04/07/2021	Sampling Type:	Soil
Project Name:	FOX 30 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02339	Sample Received By:	Jodi Henson
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 56 (H210847-10)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2021	ND	2.01	100	2.00	7.11	
Toluene*	<0.050	0.050	04/07/2021	ND	1.94	97.1	2.00	8.13	
Ethylbenzene*	<0.050	0.050	04/07/2021	ND	1.89	94.7	2.00	7.64	
Total Xylenes*	<0.150	0.150	04/07/2021	ND	5.64	94.0	6.00	7.10	
Total BTEX	<0.300	0.300	04/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	04/07/2021	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2021	ND	213	107	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/07/2021	ND	218	109	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	04/07/2021	ND					

Surrogate: 1-Chlorooctane *92.0 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *91.7 %* *42.2-156*

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Analytical Results For:

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

Received:	04/06/2021	Sampling Date:	04/06/2021
Reported:	04/07/2021	Sampling Type:	Soil
Project Name:	FOX 30 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02339	Sample Received By:	Jodi Henson
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 57 (H210847-11)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2021	ND	2.01	100	2.00	7.11	
Toluene*	<0.050	0.050	04/07/2021	ND	1.94	97.1	2.00	8.13	
Ethylbenzene*	<0.050	0.050	04/07/2021	ND	1.89	94.7	2.00	7.64	
Total Xylenes*	<0.150	0.150	04/07/2021	ND	5.64	94.0	6.00	7.10	
Total BTEX	<0.300	0.300	04/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.6 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	04/07/2021	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2021	ND	213	107	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/07/2021	ND	218	109	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	04/07/2021	ND					

Surrogate: 1-Chlorooctane *91.6 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *91.9 %* *42.2-156*

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Analytical Results For:

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

Received:	04/06/2021	Sampling Date:	04/06/2021
Reported:	04/07/2021	Sampling Type:	Soil
Project Name:	FOX 30 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02339	Sample Received By:	Jodi Henson
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 58 (H210847-12)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2021	ND	2.01	100	2.00	7.11	
Toluene*	<0.050	0.050	04/07/2021	ND	1.94	97.1	2.00	8.13	
Ethylbenzene*	<0.050	0.050	04/07/2021	ND	1.89	94.7	2.00	7.64	
Total Xylenes*	<0.150	0.150	04/07/2021	ND	5.64	94.0	6.00	7.10	
Total BTEX	<0.300	0.300	04/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/07/2021	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2021	ND	213	107	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/07/2021	ND	218	109	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	04/07/2021	ND					

Surrogate: 1-Chlorooctane *87.9 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *88.6 %* *42.2-156*

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Analytical Results For:

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

Received:	04/06/2021	Sampling Date:	04/06/2021
Reported:	04/07/2021	Sampling Type:	Soil
Project Name:	FOX 30 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02339	Sample Received By:	Jodi Henson
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 59 (H210847-13)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2021	ND	2.01	100	2.00	7.11	
Toluene*	<0.050	0.050	04/07/2021	ND	1.94	97.1	2.00	8.13	
Ethylbenzene*	<0.050	0.050	04/07/2021	ND	1.89	94.7	2.00	7.64	
Total Xylenes*	<0.150	0.150	04/07/2021	ND	5.64	94.0	6.00	7.10	
Total BTEX	<0.300	0.300	04/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/07/2021	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2021	ND	213	107	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/07/2021	ND	218	109	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	04/07/2021	ND					

Surrogate: 1-Chlorooctane *95.7 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *95.9 %* *42.2-156*

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Analytical Results For:

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

Received:	04/06/2021	Sampling Date:	04/06/2021
Reported:	04/07/2021	Sampling Type:	Soil
Project Name:	FOX 30 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02339	Sample Received By:	Jodi Henson
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 60 (H210847-14)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2021	ND	2.01	100	2.00	7.11	
Toluene*	<0.050	0.050	04/07/2021	ND	1.94	97.1	2.00	8.13	
Ethylbenzene*	<0.050	0.050	04/07/2021	ND	1.89	94.7	2.00	7.64	
Total Xylenes*	<0.150	0.150	04/07/2021	ND	5.64	94.0	6.00	7.10	
Total BTEX	<0.300	0.300	04/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	04/07/2021	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2021	ND	213	107	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/07/2021	ND	218	109	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	04/07/2021	ND					

Surrogate: 1-Chlorooctane *89.4 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *90.6 %* *42.2-156*

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Analytical Results For:

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

Received:	04/06/2021	Sampling Date:	04/06/2021
Reported:	04/07/2021	Sampling Type:	Soil
Project Name:	FOX 30 STATE COM	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02339	Sample Received By:	Jodi Henson
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 61 (H210847-15)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2021	ND	2.01	100	2.00	7.11	
Toluene*	<0.050	0.050	04/07/2021	ND	1.94	97.1	2.00	8.13	
Ethylbenzene*	<0.050	0.050	04/07/2021	ND	1.89	94.7	2.00	7.64	
Total Xylenes*	<0.150	0.150	04/07/2021	ND	5.64	94.0	6.00	7.10	
Total BTEX	<0.300	0.300	04/07/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	04/07/2021	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2021	ND	213	107	200	5.90	
DRO >C10-C28*	<10.0	10.0	04/07/2021	ND	218	109	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	04/07/2021	ND					

Surrogate: 1-Chlorooctane *93.0 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *95.0 %* *42.2-156*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: EOG Resources	Site Manager: Brittany Long
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02339
Invoice to: Todd Wells	
Receiving Laboratory: Cardinal	Sampler Signature: Ezequiel Moreno Flores
Comments:	

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
H21086+7		YEAR:																											
1	BH-130	4/6/2021			X			X	1		X		X												X				
2	BH-131	4/6/2021			X			X	1		X		X												X				
3	BH-132	4/6/2021			X			X	1		X		X												X				
4	BH-133	4/6/2021			X			X	1		X		X												X				
5	BH-134	4/6/2021			X			X	1		X		X												X				
6	BH-135	4/6/2021			X			X	1		X		X												X				
7	BH-136	4/6/2021			X			X	1		X		X												X				
8	SW-54	4/6/2021			X			X	1		X		X												X				
9	SW-55	4/6/2021			X			X	1		X		X												X				
10	SW-56	4/6/2021			X			X	1		X		X												X				

Relinquished by: Ezequiel Moreno 4/6/21	Date:	Time:	Received by: Jodi Henson 4/6/21 16:40
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY

Sample Temperature 5.1°c #113

REMARKS:

[X] RUSH: Same Day (24 hr) 48 hr 72 hr

[ ] Rush Charges Authorized

[ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: EOG Resources	Site Manager: Brittany Long
Project Name: Fox 30 State Com	
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02339
Invoice to: Todd Wells	
Receiving Laboratory: Cardinal	Sampler Signature: Ezequiel Moreno Flores
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate TDS	Chloride	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
11	SW-57	4/6/2021			X			X	1		X		X												X				
12	SW-58	4/6/2021			X			X	1		X		X												X				
13	SW-59	4/6/2021			X			X	1		X		X												X				
14	SW-60	4/6/2021			X			X	1		X		X												X				
15	SW-61	4/6/2021			X			X	1		X		X												X				

Relinquished by: Ezequiel Moreno Flores Date: 4/6/21 Time:
Received by: Jodi Henson Date: 4/6/21 Time: 16:40

Relinquished by: Date: Time:
Received by: Date: Time:

Relinquished by: Date: Time:
Received by: Date: Time:

LAB USE ONLY
Sample Temperature
5.1°C
#113

REMARKS:
[X] RUSH: Same Day (24 hr) 48 hr 72 hr
[ ] Rush Charges Authorized
[ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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ANALYTICAL REPORT

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-1271-1
Laboratory Sample Delivery Group: Lea County NM
Client Project/Site: EOG - Fox 30

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
9/23/2021 4:09:03 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Laboratory Job ID: 890-1271-1
SDG: Lea County NM

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Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-1271-1
Project/Site: EOG - Fox 30 SDG: Lea County NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Job ID: 890-1271-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1271-1

Receipt
The samples were received on 9/17/2021 9:28 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-8062 and analytical batch 880-8085 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-1271-A-1-D MS). 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.

GC Semi VOA
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 for preparation batch 880-8121 and analytical batch 880-8260 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery 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: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Lab Sample ID: 890-1271-1
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1	0.00199		mg/Kg		09/18/21 10:30	09/19/21 16:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 16:28	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		09/18/21 10:30	09/19/21 16:28	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		09/18/21 10:30	09/19/21 16:28	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		09/18/21 10:30	09/19/21 16:28	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		09/18/21 10:30	09/19/21 16:28	1
Total BTEX	<0.00398	U F1 F2	0.00398		mg/Kg		09/18/21 10:30	09/19/21 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*09/18/21 10:30*	*09/19/21 16:28*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*09/18/21 10:30*	*09/19/21 16:28*	*1*

Method: 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		09/20/21 08:33	09/20/21 11:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 11:54	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 11:54	1
Total TPH	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*09/20/21 08:33*	*09/20/21 11:54*	*1*
o-Terphenyl	*111*		*70 - 130*	*09/20/21 08:33*	*09/20/21 11:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.9**		5.00		mg/Kg			09/22/21 19:53	1

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

Lab Sample ID: 890-1271-2
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 16:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 16:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 16:49	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 16:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 16:49	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 16:49	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*09/18/21 10:30*	*09/19/21 16:49*	*1*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*	*09/18/21 10:30*	*09/19/21 16:49*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Lab Sample ID: 890-1271-2
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 1

Method: 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		09/20/21 08:33	09/20/21 12:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 12:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 12:58	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*09/20/21 08:33*	*09/20/21 12:58*	*1*
o-Terphenyl	*98*		*70 - 130*	*09/20/21 08:33*	*09/20/21 12:58*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**51.7**		5.03		mg/Kg			09/22/21 20:10	1

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

Lab Sample ID: 890-1271-3
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 1 - 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 17:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 17:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 17:10	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 17:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 17:10	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 17:10	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*09/18/21 10:30*	*09/19/21 17:10*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/18/21 10:30*	*09/19/21 17:10*	*1*

Method: 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		09/20/21 08:33	09/20/21 13:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 13:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 13:20	1
Total TPH	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*09/20/21 08:33*	*09/20/21 13:20*	*1*
o-Terphenyl	*102*		*70 - 130*	*09/20/21 08:33*	*09/20/21 13:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**441**		4.95		mg/Kg			09/22/21 20:15	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Lab Sample ID: 890-1271-4
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 2 - 2.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 17:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 17:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 17:31	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 17:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 17:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 17:31	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*09/18/21 10:30*	*09/19/21 17:31*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/18/21 10:30*	*09/19/21 17:31*	*1*

Method: 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		09/20/21 08:33	09/20/21 13:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 13:41	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 13:41	1
Total TPH	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*09/20/21 08:33*	*09/20/21 13:41*	*1*
o-Terphenyl	*106*		*70 - 130*	*09/20/21 08:33*	*09/20/21 13:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**551**		4.99		mg/Kg			09/22/21 20:21	1

Client Sample ID: AH-2 (3-3.5)

Lab Sample ID: 890-1271-5
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 3 - 3.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 17:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 17:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 17:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/19/21 17:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 17:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/19/21 17:51	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/19/21 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*09/18/21 10:30*	*09/19/21 17:51*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*09/18/21 10:30*	*09/19/21 17:51*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-2 (3-3.5)

Lab Sample ID: 890-1271-5
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 3 - 3.5

Method: 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		09/20/21 08:33	09/20/21 14:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 14:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 14:03	1
Total TPH	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*09/20/21 08:33*	*09/20/21 14:03*	*1*
o-Terphenyl	*108*		*70 - 130*	*09/20/21 08:33*	*09/20/21 14:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1890**		24.9		mg/Kg			09/22/21 20:27	5

Client Sample ID: AH-2 (4-4.5)

Lab Sample ID: 890-1271-6
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 4 - 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 18:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 18:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 18:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/19/21 18:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 18:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/19/21 18:12	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/19/21 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*09/18/21 10:30*	*09/19/21 18:12*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*09/18/21 10:30*	*09/19/21 18:12*	*1*

Method: 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		09/20/21 08:33	09/20/21 14:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 14:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 14:24	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*09/20/21 08:33*	*09/20/21 14:24*	*1*
o-Terphenyl	*107*		*70 - 130*	*09/20/21 08:33*	*09/20/21 14:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**733**		4.95		mg/Kg			09/22/21 20:43	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Lab Sample ID: 890-1271-7
Matrix: Solid

Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 18:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 18:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 18:33	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 18:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 18:33	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 18:33	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/18/21 10:30*	*09/19/21 18:33*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/18/21 10:30*	*09/19/21 18:33*	*1*

Method: 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		09/20/21 08:33	09/20/21 14:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 14:46	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 14:46	1
Total TPH	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*09/20/21 08:33*	*09/20/21 14:46*	*1*
o-Terphenyl	*100*		*70 - 130*	*09/20/21 08:33*	*09/20/21 14:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.0**		4.96		mg/Kg			09/22/21 20:49	1

Client Sample ID: AH-4 (0-1)

Lab Sample ID: 890-1271-8
Matrix: Solid

Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/18/21 10:30	09/19/21 18:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/18/21 10:30	09/19/21 18:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/18/21 10:30	09/19/21 18:54	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/18/21 10:30	09/19/21 18:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/18/21 10:30	09/19/21 18:54	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/18/21 10:30	09/19/21 18:54	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		09/18/21 10:30	09/19/21 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/18/21 10:30*	*09/19/21 18:54*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*09/18/21 10:30*	*09/19/21 18:54*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-4 (0-1)

Lab Sample ID: 890-1271-8
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 1

Method: 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		09/20/21 08:33	09/20/21 15:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 15:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 15:07	1
Total TPH	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*09/20/21 08:33*	*09/20/21 15:07*	*1*
o-Terphenyl	*108*		*70 - 130*	*09/20/21 08:33*	*09/20/21 15:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.5**		5.01		mg/Kg			09/22/21 20:55	1

Client Sample ID: AH-4 (1-1.5)

Lab Sample ID: 890-1271-9
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 1 - 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 19:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 19:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 19:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 19:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 19:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 19:15	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*09/18/21 10:30*	*09/19/21 19:15*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*09/18/21 10:30*	*09/19/21 19:15*	*1*

Method: 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		09/20/21 08:33	09/20/21 15:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 15:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 15:29	1
Total TPH	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*09/20/21 08:33*	*09/20/21 15:29*	*1*
o-Terphenyl	*112*		*70 - 130*	*09/20/21 08:33*	*09/20/21 15:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56.0**		4.98		mg/Kg			09/22/21 21:00	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-4 (2-2.5)

Lab Sample ID: 890-1271-10
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 2 - 2.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 19:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 19:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 19:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 19:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 19:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 19:35	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/18/21 10:30*	*09/19/21 19:35*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*09/18/21 10:30*	*09/19/21 19:35*	*1*

Method: 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		09/20/21 08:33	09/20/21 15:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 15:50	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 15:50	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*09/20/21 08:33*	*09/20/21 15:50*	*1*
o-Terphenyl	*110*		*70 - 130*	*09/20/21 08:33*	*09/20/21 15:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.0**		5.00		mg/Kg			09/22/21 21:06	1

Client Sample ID: AH-4 (3-3.5)

Lab Sample ID: 890-1271-11
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 3 - 3.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/18/21 10:30	09/19/21 20:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/18/21 10:30	09/19/21 20:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/18/21 10:30	09/19/21 20:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/18/21 10:30	09/19/21 20:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/18/21 10:30	09/19/21 20:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/18/21 10:30	09/19/21 20:59	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		09/18/21 10:30	09/19/21 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/18/21 10:30*	*09/19/21 20:59*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*09/18/21 10:30*	*09/19/21 20:59*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-4 (3-3.5)

Lab Sample ID: 890-1271-11
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 3 - 3.5

Method: 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		09/20/21 08:33	09/20/21 16:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 16:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 16:34	1
Total TPH	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*09/20/21 08:33*	*09/20/21 16:34*	*1*
o-Terphenyl	*109*		*70 - 130*	*09/20/21 08:33*	*09/20/21 16:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**495**	**F1**	4.97		mg/Kg			09/22/21 21:12	1

Client Sample ID: AH-4 (4-4.5)

Lab Sample ID: 890-1271-12
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 4 - 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 21:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 21:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 21:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/19/21 21:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 21:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/19/21 21:20	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/19/21 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*09/18/21 10:30*	*09/19/21 21:20*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*09/18/21 10:30*	*09/19/21 21:20*	*1*

Method: 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		09/20/21 08:33	09/20/21 16:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 16:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 16:55	1
Total TPH	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*09/20/21 08:33*	*09/20/21 16:55*	*1*
o-Terphenyl	*104*		*70 - 130*	*09/20/21 08:33*	*09/20/21 16:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6770**		25.2		mg/Kg			09/22/21 21:28	5

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Lab Sample ID: 890-1271-13
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 21:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 21:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 21:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/19/21 21:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 21:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/19/21 21:40	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/19/21 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/18/21 10:30*	*09/19/21 21:40*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/18/21 10:30*	*09/19/21 21:40*	*1*

Method: 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		09/20/21 08:33	09/20/21 17:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 17:17	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 17:17	1
Total TPH	<49.9	U	49.9		mg/Kg		09/20/21 08:33	09/20/21 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*09/20/21 08:33*	*09/20/21 17:17*	*1*
o-Terphenyl	*111*		*70 - 130*	*09/20/21 08:33*	*09/20/21 17:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.0**		4.99		mg/Kg			09/22/21 21:34	1

Client Sample ID: AH-5 (1-1.5)

Lab Sample ID: 890-1271-14
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 1 - 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/18/21 10:30	09/19/21 22:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/18/21 10:30	09/19/21 22:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/18/21 10:30	09/19/21 22:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/18/21 10:30	09/19/21 22:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/18/21 10:30	09/19/21 22:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/18/21 10:30	09/19/21 22:01	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		09/18/21 10:30	09/19/21 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/18/21 10:30*	*09/19/21 22:01*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*09/18/21 10:30*	*09/19/21 22:01*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-5 (1-1.5)

Lab Sample ID: 890-1271-14
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 1 - 1.5

Method: 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		09/20/21 08:33	09/20/21 18:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 18:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 18:04	1
Total TPH	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*09/20/21 08:33*	*09/20/21 18:04*	*1*
o-Terphenyl	*115*		*70 - 130*	*09/20/21 08:33*	*09/20/21 18:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.2**		5.00		mg/Kg			09/22/21 21:51	1

Client Sample ID: AH-5 (2-2.5)

Lab Sample ID: 890-1271-15
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 2 - 2.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 22:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 22:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 22:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 22:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 22:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 22:22	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/18/21 10:30*	*09/19/21 22:22*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*09/18/21 10:30*	*09/19/21 22:22*	*1*

Method: 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		09/20/21 08:33	09/20/21 18:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 18:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 18:25	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*09/20/21 08:33*	*09/20/21 18:25*	*1*
o-Terphenyl	*126*		*70 - 130*	*09/20/21 08:33*	*09/20/21 18:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.2**		5.01		mg/Kg			09/22/21 21:57	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-5 (3-3.5)

Lab Sample ID: 890-1271-16
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 3 - 3.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 22:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 22:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 22:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/19/21 22:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 22:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/19/21 22:42	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/19/21 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*09/18/21 10:30*	*09/19/21 22:42*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/18/21 10:30*	*09/19/21 22:42*	*1*

Method: 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		09/20/21 08:33	09/20/21 18:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 18:47	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 18:47	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*09/20/21 08:33*	*09/20/21 18:47*	*1*
o-Terphenyl	*108*		*70 - 130*	*09/20/21 08:33*	*09/20/21 18:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.4**		5.05		mg/Kg			09/22/21 22:02	1

Client Sample ID: AH-5 (4-4.5)

Lab Sample ID: 890-1271-17
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 4 - 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 23:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 23:03	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 23:03	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 23:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 23:03	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 23:03	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*09/18/21 10:30*	*09/19/21 23:03*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/18/21 10:30*	*09/19/21 23:03*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-5 (4-4.5)

Lab Sample ID: 890-1271-17
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 4 - 4.5

Method: 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		09/20/21 08:33	09/20/21 19:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 19:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 19:08	1
Total TPH	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*09/20/21 08:33*	*09/20/21 19:08*	*1*
o-Terphenyl	*123*		*70 - 130*	*09/20/21 08:33*	*09/20/21 19:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.6**		4.95		mg/Kg			09/23/21 12:19	1

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

Lab Sample ID: 890-1271-18
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 23:24	1
Toluene	**0.00246**		0.00199		mg/Kg		09/18/21 10:30	09/19/21 23:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 23:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 23:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 23:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 23:24	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*09/18/21 10:30*	*09/19/21 23:24*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*09/18/21 10:30*	*09/19/21 23:24*	*1*

Method: 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		09/20/21 08:33	09/20/21 19:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 19:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 19:30	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*09/20/21 08:33*	*09/20/21 19:30*	*1*
o-Terphenyl	*105*		*70 - 130*	*09/20/21 08:33*	*09/20/21 19:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.1**		4.95		mg/Kg			09/23/21 12:25	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-6 (1-1.5)

Lab Sample ID: 890-1271-19
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 1 - 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 23:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 23:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 23:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/19/21 23:44	1
o-Xylene	**0.00693**		0.00200		mg/Kg		09/18/21 10:30	09/19/21 23:44	1
Xylenes, Total	**0.00693**		0.00400		mg/Kg		09/18/21 10:30	09/19/21 23:44	1
Total BTEX	**0.00693**		0.00400		mg/Kg		09/18/21 10:30	09/19/21 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*09/18/21 10:30*	*09/19/21 23:44*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*09/18/21 10:30*	*09/19/21 23:44*	*1*

Method: 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		09/20/21 08:33	09/20/21 19:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 19:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 19:52	1
Total TPH	<49.8	U	49.8		mg/Kg		09/20/21 08:33	09/20/21 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*09/20/21 08:33*	*09/20/21 19:52*	*1*
o-Terphenyl	*106*		*70 - 130*	*09/20/21 08:33*	*09/20/21 19:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.9**		5.00		mg/Kg			09/23/21 12:30	1

Client Sample ID: AH-6 (2-2.5)

Lab Sample ID: 890-1271-20
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 2 - 2.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00229**		0.00200		mg/Kg		09/18/21 10:30	09/20/21 00:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/20/21 00:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/20/21 00:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/20/21 00:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/20/21 00:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/20/21 00:05	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/20/21 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*09/18/21 10:30*	*09/20/21 00:05*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/18/21 10:30*	*09/20/21 00:05*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-6 (2-2.5)

Lab Sample ID: 890-1271-20
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 2 - 2.5

Method: 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		09/20/21 08:33	09/20/21 20:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 20:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 20:13	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*09/20/21 08:33*	*09/20/21 20:13*	*1*
o-Terphenyl	*105*		*70 - 130*	*09/20/21 08:33*	*09/20/21 20:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.9**		5.05		mg/Kg			09/23/21 12:36	1

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

Lab Sample ID: 890-1271-21
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/18/21 18:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/18/21 18:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/18/21 18:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/18/21 18:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/18/21 18:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/18/21 18:26	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/18/21 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*09/18/21 10:30*	*09/18/21 18:26*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*09/18/21 10:30*	*09/18/21 18:26*	*1*

Method: 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		09/20/21 08:35	09/20/21 11:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 11:54	1
Total TPH	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*09/20/21 08:35*	*09/20/21 11:54*	*1*
o-Terphenyl	*122*		*70 - 130*	*09/20/21 08:35*	*09/20/21 11:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.3**		4.98		mg/Kg			09/23/21 12:41	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-7 (1-1.5)

Lab Sample ID: 890-1271-22
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 1 - 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 18:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 18:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 18:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/18/21 18:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 18:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/18/21 18:47	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/18/21 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*09/18/21 10:30*	*09/18/21 18:47*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/18/21 10:30*	*09/18/21 18:47*	*1*

Method: 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		09/20/21 08:35	09/20/21 12:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 12:58	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 12:58	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*09/20/21 08:35*	*09/20/21 12:58*	*1*
o-Terphenyl	*104*		*70 - 130*	*09/20/21 08:35*	*09/20/21 12:58*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.4**		5.00		mg/Kg			09/23/21 12:47	1

Client Sample ID: AH-7 (2-2.5)

Lab Sample ID: 890-1271-23
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 2 - 2.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 19:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 19:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 19:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/18/21 19:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 19:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/18/21 19:07	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/18/21 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*09/18/21 10:30*	*09/18/21 19:07*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*09/18/21 10:30*	*09/18/21 19:07*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-7 (2-2.5)

Lab Sample ID: 890-1271-23
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 2 - 2.5

Method: 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		09/20/21 08:35	09/20/21 13:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 13:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 13:20	1
Total TPH	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*09/20/21 08:35*	*09/20/21 13:20*	*1*
o-Terphenyl	*114*		*70 - 130*	*09/20/21 08:35*	*09/20/21 13:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.4**		5.00		mg/Kg			09/23/21 12:53	1

Client Sample ID: AH-7 (3-3.5)

Lab Sample ID: 890-1271-24
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 3 - 3.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/18/21 19:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/18/21 19:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/18/21 19:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/18/21 19:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/18/21 19:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/18/21 19:28	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/18/21 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*09/18/21 10:30*	*09/18/21 19:28*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/18/21 10:30*	*09/18/21 19:28*	*1*

Method: 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		09/20/21 08:35	09/20/21 13:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 13:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 13:41	1
Total TPH	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*09/20/21 08:35*	*09/20/21 13:41*	*1*
o-Terphenyl	*110*		*70 - 130*	*09/20/21 08:35*	*09/20/21 13:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**435**		4.99		mg/Kg			09/20/21 19:36	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-7 (4-4.5)

Lab Sample ID: 890-1271-25
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 4 - 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/18/21 19:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/18/21 19:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/18/21 19:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/18/21 19:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/18/21 19:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/18/21 19:48	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/18/21 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*09/18/21 10:30*	*09/18/21 19:48*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/18/21 10:30*	*09/18/21 19:48*	*1*

Method: 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		09/20/21 08:35	09/20/21 14:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 14:03	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 14:03	1
Total TPH	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*09/20/21 08:35*	*09/20/21 14:03*	*1*
o-Terphenyl	*112*		*70 - 130*	*09/20/21 08:35*	*09/20/21 14:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1340**		5.00		mg/Kg			09/20/21 19:52	1

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

Lab Sample ID: 890-1271-26
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/18/21 20:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/18/21 20:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/18/21 20:08	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/18/21 20:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/18/21 20:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/18/21 20:08	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/18/21 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*09/18/21 10:30*	*09/18/21 20:08*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/18/21 10:30*	*09/18/21 20:08*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Lab Sample ID: 890-1271-26
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 1

Method: 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		09/20/21 08:35	09/20/21 14:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 14:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 14:24	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*09/20/21 08:35*	*09/20/21 14:24*	*1*
o-Terphenyl	*127*		*70 - 130*	*09/20/21 08:35*	*09/20/21 14:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.7**		5.01		mg/Kg			09/20/21 19:58	1

Client Sample ID: AH-8 (1-1.5)

Lab Sample ID: 890-1271-27
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 1 - 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 20:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 20:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 20:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/18/21 20:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 20:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/18/21 20:29	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/18/21 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*09/18/21 10:30*	*09/18/21 20:29*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*09/18/21 10:30*	*09/18/21 20:29*	*1*

Method: 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		09/20/21 08:35	09/20/21 14:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 14:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 14:46	1
Total TPH	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*09/20/21 08:35*	*09/20/21 14:46*	*1*
o-Terphenyl	*105*		*70 - 130*	*09/20/21 08:35*	*09/20/21 14:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.7**		4.98		mg/Kg			09/20/21 20:04	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-8 (2-2.5)

Lab Sample ID: 890-1271-28
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 2 - 2.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 20:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 20:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 20:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/18/21 20:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 20:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/18/21 20:49	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/18/21 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*09/18/21 10:30*	*09/18/21 20:49*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*09/18/21 10:30*	*09/18/21 20:49*	*1*

Method: 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		09/20/21 08:35	09/20/21 15:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 15:07	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 15:07	1
Total TPH	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*09/20/21 08:35*	*09/20/21 15:07*	*1*
o-Terphenyl	*126*		*70 - 130*	*09/20/21 08:35*	*09/20/21 15:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**503**		5.00		mg/Kg			09/20/21 20:09	1

Client Sample ID: AH-8 (3-3.5)

Lab Sample ID: 890-1271-29
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 3 - 3.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/18/21 10:30	09/18/21 21:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/18/21 10:30	09/18/21 21:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/18/21 10:30	09/18/21 21:10	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/18/21 10:30	09/18/21 21:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/18/21 10:30	09/18/21 21:10	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/18/21 10:30	09/18/21 21:10	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		09/18/21 10:30	09/18/21 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*09/18/21 10:30*	*09/18/21 21:10*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*09/18/21 10:30*	*09/18/21 21:10*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-8 (3-3.5)

Lab Sample ID: 890-1271-29
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 3 - 3.5

Method: 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		09/20/21 08:35	09/20/21 15:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 15:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 15:29	1
Total TPH	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*09/20/21 08:35*	*09/20/21 15:29*	*1*
o-Terphenyl	*128*		*70 - 130*	*09/20/21 08:35*	*09/20/21 15:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		5.04		mg/Kg			09/20/21 20:15	1

Client Sample ID: AH-8 (4-4.5)

Lab Sample ID: 890-1271-30
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 4 - 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 21:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 21:30	1
Ethylbenzene	**0.00221**		0.00200		mg/Kg		09/18/21 10:30	09/18/21 21:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/18/21 21:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 21:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/18/21 21:30	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/18/21 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*09/18/21 10:30*	*09/18/21 21:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*09/18/21 10:30*	*09/18/21 21:30*	*1*

Method: 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		09/20/21 08:35	09/20/21 15:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 15:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 15:50	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*09/20/21 08:35*	*09/20/21 15:50*	*1*
o-Terphenyl	*108*		*70 - 130*	*09/20/21 08:35*	*09/20/21 15:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.6**		4.98		mg/Kg			09/20/21 20:20	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Lab Sample ID: 890-1271-31
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/18/21 10:30	09/18/21 23:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/18/21 10:30	09/18/21 23:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/18/21 10:30	09/18/21 23:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/18/21 10:30	09/18/21 23:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/18/21 10:30	09/18/21 23:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/18/21 10:30	09/18/21 23:20	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		09/18/21 10:30	09/18/21 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*09/18/21 10:30*	*09/18/21 23:20*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*09/18/21 10:30*	*09/18/21 23:20*	*1*

Method: 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		09/20/21 08:35	09/20/21 16:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 16:34	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 16:34	1
Total TPH	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*09/20/21 08:35*	*09/20/21 16:34*	*1*
o-Terphenyl	*112*		*70 - 130*	*09/20/21 08:35*	*09/20/21 16:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.3**		5.01		mg/Kg			09/20/21 20:37	1

Client Sample ID: H-1 (0-0.5)

Lab Sample ID: 890-1271-32
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 23:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 23:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 23:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/18/21 10:30	09/18/21 23:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 23:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/18/21 10:30	09/18/21 23:40	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/18/21 10:30	09/18/21 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*09/18/21 10:30*	*09/18/21 23:40*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/18/21 10:30*	*09/18/21 23:40*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: H-1 (0-0.5)

Lab Sample ID: 890-1271-32
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 0.5

Method: 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		09/20/21 08:35	09/20/21 16:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 16:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 16:55	1
Total TPH	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*09/20/21 08:35*	*09/20/21 16:55*	*1*
o-Terphenyl	*107*		*70 - 130*	*09/20/21 08:35*	*09/20/21 16:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.61**		4.99		mg/Kg			09/20/21 20:43	1

Client Sample ID: H-2 (0-0.5)

Lab Sample ID: 890-1271-33
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 00:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 00:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 00:01	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/18/21 10:30	09/19/21 00:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 00:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/18/21 10:30	09/19/21 00:01	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/18/21 10:30	09/19/21 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*09/18/21 10:30*	*09/19/21 00:01*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*09/18/21 10:30*	*09/19/21 00:01*	*1*

Method: 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		09/20/21 08:35	09/20/21 17:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 17:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 17:17	1
Total TPH	<49.9	U	49.9		mg/Kg		09/20/21 08:35	09/20/21 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*09/20/21 08:35*	*09/20/21 17:17*	*1*
o-Terphenyl	*100*		*70 - 130*	*09/20/21 08:35*	*09/20/21 17:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**93.5**		4.98		mg/Kg			09/20/21 21:00	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: H-3 (0-0.5)

Lab Sample ID: 890-1271-34
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 00:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 00:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 00:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 00:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 00:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 00:21	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*09/18/21 10:30*	*09/19/21 00:21*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/18/21 10:30*	*09/19/21 00:21*	*1*

Method: 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		09/20/21 08:35	09/20/21 18:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 18:04	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 18:04	1
Total TPH	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*09/20/21 08:35*	*09/20/21 18:04*	*1*
o-Terphenyl	*118*		*70 - 130*	*09/20/21 08:35*	*09/20/21 18:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.2**		4.95		mg/Kg			09/20/21 21:05	1

Client Sample ID: H-4 (0-0.5)

Lab Sample ID: 890-1271-35
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 00:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 00:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 00:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/19/21 00:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 00:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/19/21 00:41	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/19/21 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*09/18/21 10:30*	*09/19/21 00:41*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*09/18/21 10:30*	*09/19/21 00:41*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: H-4 (0-0.5)

Lab Sample ID: 890-1271-35
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 0 - 0.5

Method: 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		09/20/21 08:35	09/20/21 18:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 18:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 18:25	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*09/20/21 08:35*	*09/20/21 18:25*	*1*
o-Terphenyl	*105*		*70 - 130*	*09/20/21 08:35*	*09/20/21 18:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.7**		4.97		mg/Kg			09/20/21 21:11	1

Client Sample ID: AH-9 (1-1.5)

Lab Sample ID: 890-1271-36
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 1 - 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 01:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 01:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 01:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/19/21 01:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 01:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/19/21 01:02	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/18/21 10:30	09/19/21 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*09/18/21 10:30*	*09/19/21 01:02*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/18/21 10:30*	*09/19/21 01:02*	*1*

Method: 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		09/20/21 08:35	09/20/21 18:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 18:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 18:47	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*09/20/21 08:35*	*09/20/21 18:47*	*1*
o-Terphenyl	*112*		*70 - 130*	*09/20/21 08:35*	*09/20/21 18:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.4**		4.95		mg/Kg			09/20/21 21:17	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-9 (2-2.5)

Lab Sample ID: 890-1271-37
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 2 - 2.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 01:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 01:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 01:22	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 01:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 01:22	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 01:22	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/18/21 10:30*	*09/19/21 01:22*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*09/18/21 10:30*	*09/19/21 01:22*	*1*

Method: 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		09/20/21 08:35	09/20/21 19:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 19:08	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 19:08	1
Total TPH	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*09/20/21 08:35*	*09/20/21 19:08*	*1*
o-Terphenyl	*110*		*70 - 130*	*09/20/21 08:35*	*09/20/21 19:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.92**		5.05		mg/Kg			09/20/21 21:22	1

Client Sample ID: AH-9 (3-3.5)

Lab Sample ID: 890-1271-38
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 3 - 3.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 01:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 01:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 01:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 01:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/18/21 10:30	09/19/21 01:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 01:43	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/18/21 10:30	09/19/21 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*09/18/21 10:30*	*09/19/21 01:43*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*09/18/21 10:30*	*09/19/21 01:43*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-9 (3-3.5)

Lab Sample ID: 890-1271-38
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 3 - 3.5

Method: 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		09/20/21 08:35	09/20/21 19:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 19:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 19:30	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*09/20/21 08:35*	*09/20/21 19:30*	*1*
o-Terphenyl	*111*		*70 - 130*	*09/20/21 08:35*	*09/20/21 19:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.49**		4.98		mg/Kg			09/20/21 21:28	1

Client Sample ID: AH-9 (4-4.5)

Lab Sample ID: 890-1271-39
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28
Sample Depth: 4 - 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 02:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 02:03	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 02:03	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 02:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/18/21 10:30	09/19/21 02:03	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 02:03	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		09/18/21 10:30	09/19/21 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*09/18/21 10:30*	*09/19/21 02:03*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*09/18/21 10:30*	*09/19/21 02:03*	*1*

Method: 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		09/20/21 08:35	09/20/21 19:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 19:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 19:52	1
Total TPH	<49.8	U	49.8		mg/Kg		09/20/21 08:35	09/20/21 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*09/20/21 08:35*	*09/20/21 19:52*	*1*
o-Terphenyl	*110*		*70 - 130*	*09/20/21 08:35*	*09/20/21 19:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.3**		5.00		mg/Kg			09/20/21 21:33	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
890-1271-1	AH-1 (0-1)	89	109										
890-1271-1 MS	AH-1 (0-1)	88	66 S1-										
890-1271-1 MSD	AH-1 (0-1)	104	72										
890-1271-2	AH-2 (0-1)	78	119										
890-1271-3	AH-2 (1-1.5)	87	95										
890-1271-4	AH-2 (2-2.5)	93	92										
890-1271-5	AH-2 (3-3.5)	115	123										
890-1271-6	AH-2 (4-4.5)	92	105										
890-1271-7	AH-3 (0-1)	97	96										
890-1271-8	AH-4 (0-1)	97	104										
890-1271-9	AH-4 (1-1.5)	116	110										
890-1271-10	AH-4 (2-2.5)	102	99										
890-1271-11	AH-4 (3-3.5)	95	86										
890-1271-12	AH-4 (4-4.5)	99	75										
890-1271-13	AH-5 (0-1)	104	92										
890-1271-14	AH-5 (1-1.5)	102	93										
890-1271-15	AH-5 (2-2.5)	102	111										
890-1271-16	AH-5 (3-3.5)	103	90										
890-1271-17	AH-5 (4-4.5)	114	97										
890-1271-18	AH-6 (0-1)	85	89										
890-1271-19	AH-6 (1-1.5)	125	72										
890-1271-20	AH-6 (2-2.5)	110	96										
890-1271-21	AH-7 (0-1)	120	110										
890-1271-21 MS	AH-7 (0-1)	104	83										
890-1271-21 MSD	AH-7 (0-1)	108	91										
890-1271-22	AH-7 (1-1.5)	133 S1+	97										
890-1271-23	AH-7 (2-2.5)	120	98										
890-1271-24	AH-7 (3-3.5)	123	97										
890-1271-25	AH-7 (4-4.5)	118	90										
890-1271-26	AH-8 (0-1)	127	97										
890-1271-27	AH-8 (1-1.5)	116	103										
890-1271-28	AH-8 (2-2.5)	135 S1+	101										
890-1271-29	AH-8 (3-3.5)	124	98										
890-1271-30	AH-8 (4-4.5)	127	99										
890-1271-31	AH-9 (0-1)	108	103										
890-1271-32	H-1 (0-0.5)	105	95										
890-1271-33	H-2 (0-0.5)	112	98										
890-1271-34	H-3 (0-0.5)	124	96										
890-1271-35	H-4 (0-0.5)	114	99										
890-1271-36	AH-9 (1-1.5)	105	96										
890-1271-37	AH-9 (2-2.5)	102	102										
890-1271-38	AH-9 (3-3.5)	105	101										
890-1271-39	AH-9 (4-4.5)	110	98										
LCS 880-8062/1-A	Lab Control Sample	89	90										
LCS 880-8063/1-A	Lab Control Sample	101	94										
LCSD 880-8062/2-A	Lab Control Sample Dup	94	96										
LCSD 880-8063/2-A	Lab Control Sample Dup	111	85										
MB 880-8061/5-A	Method Blank	127	122										
MB 880-8062/5-A	Method Blank	100	100										

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1271-1
Project/Site: EOG - Fox 30 SDG: Lea County NM

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)								
MB 880-8063/5-A	Method Blank	133 S1+	107								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
890-1271-1	AH-1 (0-1)	99	111								
890-1271-1 MS	AH-1 (0-1)	96	99								
890-1271-1 MSD	AH-1 (0-1)	97	97								
890-1271-2	AH-2 (0-1)	91	98								
890-1271-3	AH-2 (1-1.5)	93	102								
890-1271-4	AH-2 (2-2.5)	97	106								
890-1271-5	AH-2 (3-3.5)	98	108								
890-1271-6	AH-2 (4-4.5)	96	107								
890-1271-7	AH-3 (0-1)	90	100								
890-1271-8	AH-4 (0-1)	98	108								
890-1271-9	AH-4 (1-1.5)	100	112								
890-1271-10	AH-4 (2-2.5)	102	110								
890-1271-11	AH-4 (3-3.5)	101	109								
890-1271-12	AH-4 (4-4.5)	96	104								
890-1271-13	AH-5 (0-1)	105	111								
890-1271-14	AH-5 (1-1.5)	105	115								
890-1271-15	AH-5 (2-2.5)	114	126								
890-1271-16	AH-5 (3-3.5)	97	108								
890-1271-17	AH-5 (4-4.5)	111	123								
890-1271-18	AH-6 (0-1)	96	105								
890-1271-19	AH-6 (1-1.5)	99	106								
890-1271-20	AH-6 (2-2.5)	94	105								
890-1271-21	AH-7 (0-1)	114	122								
890-1271-21 MS	AH-7 (0-1)	107	102								
890-1271-21 MSD	AH-7 (0-1)	107	101								
890-1271-22	AH-7 (1-1.5)	101	104								
890-1271-23	AH-7 (2-2.5)	110	114								
890-1271-24	AH-7 (3-3.5)	110	110								
890-1271-25	AH-7 (4-4.5)	107	112								
890-1271-26	AH-8 (0-1)	121	127								
890-1271-27	AH-8 (1-1.5)	101	105								
890-1271-28	AH-8 (2-2.5)	122	126								
890-1271-29	AH-8 (3-3.5)	122	128								
890-1271-30	AH-8 (4-4.5)	104	108								
890-1271-31	AH-9 (0-1)	106	112								
890-1271-32	H-1 (0-0.5)	104	107								
890-1271-33	H-2 (0-0.5)	106	100								
890-1271-34	H-3 (0-0.5)	115	118								
890-1271-35	H-4 (0-0.5)	104	105								

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1271-1
Project/Site: EOG - Fox 30 SDG: Lea County NM

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
890-1271-36	AH-9 (1-1.5)	106	112										
890-1271-37	AH-9 (2-2.5)	104	110										
890-1271-38	AH-9 (3-3.5)	102	111										
890-1271-39	AH-9 (4-4.5)	103	110										
LCS 880-8092/2-A	Lab Control Sample	100	104										
LCS 880-8093/2-A	Lab Control Sample	105	99										
LCSD 880-8092/3-A	Lab Control Sample Dup	102	108										
LCSD 880-8093/3-A	Lab Control Sample Dup	114	109										
MB 880-8092/1-A	Method Blank	92	103										
MB 880-8093/1-A	Method Blank	102	111										

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-8061/5-A
Matrix: Solid
Analysis Batch: 8085

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8061

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:00	09/19/21 04:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:00	09/19/21 04:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:00	09/19/21 04:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/18/21 10:00	09/19/21 04:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:00	09/19/21 04:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/18/21 10:00	09/19/21 04:54	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/18/21 10:00	09/19/21 04:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*09/18/21 10:00*	*09/19/21 04:54*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*09/18/21 10:00*	*09/19/21 04:54*	*1*

Lab Sample ID: MB 880-8062/5-A
Matrix: Solid
Analysis Batch: 8085

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8062

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 16:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 16:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 16:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/19/21 16:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/19/21 16:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/19/21 16:06	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/19/21 16:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*09/18/21 10:30*	*09/19/21 16:06*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*09/18/21 10:30*	*09/19/21 16:06*	*1*

Lab Sample ID: LCS 880-8062/1-A
Matrix: Solid
Analysis Batch: 8085

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8062

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07884		mg/Kg		79	70 - 130
Toluene	0.100	0.08756		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.08415		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1560		mg/Kg		78	70 - 130
o-Xylene	0.100	0.07349		mg/Kg		73	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-8062/2-A
Matrix: Solid
Analysis Batch: 8085

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 8062

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.08026		mg/Kg		80	70 - 130	2	35
Toluene			0.100	0.09341		mg/Kg		93	70 - 130	6	35
Ethylbenzene			0.100	0.09094		mg/Kg		91	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.1606		mg/Kg		80	70 - 130	3	35
o-Xylene			0.100	0.07759		mg/Kg		78	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 890-1271-1 MS
Matrix: Solid
Analysis Batch: 8085

Client Sample ID: AH-1 (0-1)
Prep Type: Total/NA
Prep Batch: 8062

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1	0.101	0.04898	F1	mg/Kg		48	70 - 130
Toluene	<0.00199	U	0.101	0.07054		mg/Kg		70	70 - 130
Ethylbenzene	<0.00199	U F1	0.101	0.06994	F1	mg/Kg		69	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.202	0.1258	F1	mg/Kg		62	70 - 130
o-Xylene	<0.00199	U F1	0.101	0.05561	F1	mg/Kg		55	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*
1,4-Difluorobenzene (Surr)	*66*	*S1-*	*70 - 130*

Lab Sample ID: 890-1271-1 MSD
Matrix: Solid
Analysis Batch: 8085

Client Sample ID: AH-1 (0-1)
Prep Type: Total/NA
Prep Batch: 8062

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.0996	0.05435	F1	mg/Kg		55	70 - 130	10	35
Toluene	<0.00199	U	0.0996	0.08849		mg/Kg		89	70 - 130	23	35
Ethylbenzene	<0.00199	U F1	0.0996	0.08987		mg/Kg		90	70 - 130	25	35
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.1672		mg/Kg		84	70 - 130	28	35
o-Xylene	<0.00199	U F1	0.0996	0.07309		mg/Kg		73	70 - 130	27	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*

Lab Sample ID: MB 880-8063/5-A
Matrix: Solid
Analysis Batch: 8086

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8063

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 17:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 17:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 17:58	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-8063/5-A
Matrix: Solid
Analysis Batch: 8086

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8063

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/18/21 17:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/21 10:30	09/18/21 17:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/18/21 17:58	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/18/21 10:30	09/18/21 17:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*09/18/21 10:30*	*09/18/21 17:58*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*09/18/21 10:30*	*09/18/21 17:58*	*1*

Lab Sample ID: LCS 880-8063/1-A
Matrix: Solid
Analysis Batch: 8086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8063

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1029		mg/Kg		103	70 - 130
Toluene	0.100	0.1059		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1081		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2039		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1019		mg/Kg		102	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-8063/2-A
Matrix: Solid
Analysis Batch: 8086

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 8063

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09783		mg/Kg		98	70 - 130	5	35
Toluene	0.100	0.1047		mg/Kg		105	70 - 130	1	35
Ethylbenzene	0.100	0.1157		mg/Kg		116	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2175		mg/Kg		109	70 - 130	6	35
o-Xylene	0.100	0.1099		mg/Kg		110	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*

Lab Sample ID: 890-1271-21 MS
Matrix: Solid
Analysis Batch: 8086

Client Sample ID: AH-7 (0-1)
Prep Type: Total/NA
Prep Batch: 8063

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.100	0.08912		mg/Kg		89	70 - 130
Toluene	<0.00199	U	0.100	0.09513		mg/Kg		95	70 - 130
Ethylbenzene	<0.00199	U	0.100	0.09549		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1731		mg/Kg		86	70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Lab Sample ID: 890-1271-21 MS
Matrix: Solid
Analysis Batch: 8086

Client Sample ID: AH-7 (0-1)
Prep Type: Total/NA
Prep Batch: 8063

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	<0.00199	U	0.100	0.08626		mg/Kg		86	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*

Lab Sample ID: 890-1271-21 MSD
Matrix: Solid
Analysis Batch: 8086

Client Sample ID: AH-7 (0-1)
Prep Type: Total/NA
Prep Batch: 8063

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0996	0.09059		mg/Kg		91	70 - 130	2	35
Toluene	<0.00199	U	0.0996	0.09257		mg/Kg		93	70 - 130	3	35
Ethylbenzene	<0.00199	U	0.0996	0.08986		mg/Kg		90	70 - 130	6	35
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1646		mg/Kg		83	70 - 130	5	35
o-Xylene	<0.00199	U	0.0996	0.08285		mg/Kg		83	70 - 130	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

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

Lab Sample ID: MB 880-8092/1-A
Matrix: Solid
Analysis Batch: 8100

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8092

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		09/20/21 08:33	09/20/21 10:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 10:50	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 10:50	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:33	09/20/21 10:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*09/20/21 08:33*	*09/20/21 10:50*	*1*
o-Terphenyl	*103*		*70 - 130*	*09/20/21 08:33*	*09/20/21 10:50*	*1*

Lab Sample ID: LCS 880-8092/2-A
Matrix: Solid
Analysis Batch: 8100

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8092

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	947.7		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	937.0		mg/Kg		94	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-8092/2-A
Matrix: Solid
Analysis Batch: 8100

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8092

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-8092/3-A
Matrix: Solid
Analysis Batch: 8100

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 8092

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1036		mg/Kg		104	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	964.0		mg/Kg		96	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 890-1271-1 MS
Matrix: Solid
Analysis Batch: 8100

Client Sample ID: AH-1 (0-1)
Prep Type: Total/NA
Prep Batch: 8092

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	855.4		mg/Kg		86	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	997	865.7		mg/Kg		87	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: 890-1271-1 MSD
Matrix: Solid
Analysis Batch: 8100

Client Sample ID: AH-1 (0-1)
Prep Type: Total/NA
Prep Batch: 8092

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	<49.8	U	999	871.6		mg/Kg		87	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	858.7		mg/Kg		86	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	97		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-8093/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 8103 — **Prep Batch: 8093**

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		09/20/21 08:35	09/20/21 10:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 10:50	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 10:50	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:35	09/20/21 10:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*09/20/21 08:35*	*09/20/21 10:50*	*1*
o-Terphenyl	*111*		*70 - 130*	*09/20/21 08:35*	*09/20/21 10:50*	*1*

Lab Sample ID: LCS 880-8093/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 8103 — **Prep Batch: 8093**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	961.7		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1033		mg/Kg		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*99*		*70 - 130*

Lab Sample ID: LCSD 880-8093/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 8103 — **Prep Batch: 8093**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1019		mg/Kg		102	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1147		mg/Kg		115	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*114*		*70 - 130*
o-Terphenyl	*109*		*70 - 130*

Lab Sample ID: 890-1271-21 MS — **Client Sample ID: AH-7 (0-1)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 8103 — **Prep Batch: 8093**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	923.8		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	997	1065		mg/Kg		107	70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Lab Sample ID: 890-1271-21 MS
Matrix: Solid
Analysis Batch: 8103

Client Sample ID: AH-7 (0-1)
Prep Type: Total/NA
Prep Batch: 8093

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 890-1271-21 MSD
Matrix: Solid
Analysis Batch: 8103

Client Sample ID: AH-7 (0-1)
Prep Type: Total/NA
Prep Batch: 8093

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	<49.8	U	999	948.8		mg/Kg		95	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1060		mg/Kg		106	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	101		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-8116/1-A
Matrix: Solid
Analysis Batch: 8149

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/20/21 18:45	1

Lab Sample ID: LCS 880-8116/2-A
Matrix: Solid
Analysis Batch: 8149

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	245.1		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-8116/3-A
Matrix: Solid
Analysis Batch: 8149

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	245.9		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-1271-30 MS
Matrix: Solid
Analysis Batch: 8149

Client Sample ID: AH-8 (4-4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.6		249	256.2		mg/Kg		99	90 - 110

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-1271-30 MSD — **Client Sample ID: AH-8 (4-4.5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8149

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.6		249	256.7		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-8121/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8260

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/22/21 19:36	1

Lab Sample ID: LCS 880-8121/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8260

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	260.6		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-8121/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8260

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	261.7		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 890-1271-1 MS — **Client Sample ID: AH-1 (0-1)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8260

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	25.9		250	280.2		mg/Kg		102	90 - 110

Lab Sample ID: 890-1271-1 MSD — **Client Sample ID: AH-1 (0-1)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8260

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	25.9		250	280.6		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-1271-11 MS — **Client Sample ID: AH-4 (3-3.5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8260

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	495	F1	249	769.8	F1	mg/Kg		111	90 - 110

Lab Sample ID: 890-1271-11 MSD — **Client Sample ID: AH-4 (3-3.5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8260

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	495	F1	249	770.8	F1	mg/Kg		111	90 - 110	0	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-8123/1-A
Matrix: Solid
Analysis Batch: 8272

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/23/21 10:04	1

Lab Sample ID: LCS 880-8123/2-A
Matrix: Solid
Analysis Batch: 8272

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	262.4		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-8123/3-A
Matrix: Solid
Analysis Batch: 8272

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	263.2		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 890-1269-A-3-D MS
Matrix: Solid
Analysis Batch: 8272

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	383		252	642.0		mg/Kg		103	90 - 110		

Lab Sample ID: 890-1269-A-3-E MSD
Matrix: Solid
Analysis Batch: 8272

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	383		252	642.5		mg/Kg		103	90 - 110	0	20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

GC VOA

Prep Batch: 8061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-8061/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 8062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-1	AH-1 (0-1)	Total/NA	Solid	5035	
890-1271-2	AH-2 (0-1)	Total/NA	Solid	5035	
890-1271-3	AH-2 (1-1.5)	Total/NA	Solid	5035	
890-1271-4	AH-2 (2-2.5)	Total/NA	Solid	5035	
890-1271-5	AH-2 (3-3.5)	Total/NA	Solid	5035	
890-1271-6	AH-2 (4-4.5)	Total/NA	Solid	5035	
890-1271-7	AH-3 (0-1)	Total/NA	Solid	5035	
890-1271-8	AH-4 (0-1)	Total/NA	Solid	5035	
890-1271-9	AH-4 (1-1.5)	Total/NA	Solid	5035	
890-1271-10	AH-4 (2-2.5)	Total/NA	Solid	5035	
890-1271-11	AH-4 (3-3.5)	Total/NA	Solid	5035	
890-1271-12	AH-4 (4-4.5)	Total/NA	Solid	5035	
890-1271-13	AH-5 (0-1)	Total/NA	Solid	5035	
890-1271-14	AH-5 (1-1.5)	Total/NA	Solid	5035	
890-1271-15	AH-5 (2-2.5)	Total/NA	Solid	5035	
890-1271-16	AH-5 (3-3.5)	Total/NA	Solid	5035	
890-1271-17	AH-5 (4-4.5)	Total/NA	Solid	5035	
890-1271-18	AH-6 (0-1)	Total/NA	Solid	5035	
890-1271-19	AH-6 (1-1.5)	Total/NA	Solid	5035	
890-1271-20	AH-6 (2-2.5)	Total/NA	Solid	5035	
MB 880-8062/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-8062/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-8062/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1271-1 MS	AH-1 (0-1)	Total/NA	Solid	5035	
890-1271-1 MSD	AH-1 (0-1)	Total/NA	Solid	5035	

Prep Batch: 8063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-21	AH-7 (0-1)	Total/NA	Solid	5035	
890-1271-22	AH-7 (1-1.5)	Total/NA	Solid	5035	
890-1271-23	AH-7 (2-2.5)	Total/NA	Solid	5035	
890-1271-24	AH-7 (3-3.5)	Total/NA	Solid	5035	
890-1271-25	AH-7 (4-4.5)	Total/NA	Solid	5035	
890-1271-26	AH-8 (0-1)	Total/NA	Solid	5035	
890-1271-27	AH-8 (1-1.5)	Total/NA	Solid	5035	
890-1271-28	AH-8 (2-2.5)	Total/NA	Solid	5035	
890-1271-29	AH-8 (3-3.5)	Total/NA	Solid	5035	
890-1271-30	AH-8 (4-4.5)	Total/NA	Solid	5035	
890-1271-31	AH-9 (0-1)	Total/NA	Solid	5035	
890-1271-32	H-1 (0-0.5)	Total/NA	Solid	5035	
890-1271-33	H-2 (0-0.5)	Total/NA	Solid	5035	
890-1271-34	H-3 (0-0.5)	Total/NA	Solid	5035	
890-1271-35	H-4 (0-0.5)	Total/NA	Solid	5035	
890-1271-36	AH-9 (1-1.5)	Total/NA	Solid	5035	
890-1271-37	AH-9 (2-2.5)	Total/NA	Solid	5035	
890-1271-38	AH-9 (3-3.5)	Total/NA	Solid	5035	
890-1271-39	AH-9 (4-4.5)	Total/NA	Solid	5035	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

GC VOA (Continued)

Prep Batch: 8063 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-8063/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-8063/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-8063/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1271-21 MS	AH-7 (0-1)	Total/NA	Solid	5035	
890-1271-21 MSD	AH-7 (0-1)	Total/NA	Solid	5035	

Analysis Batch: 8085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-1	AH-1 (0-1)	Total/NA	Solid	8021B	8062
890-1271-2	AH-2 (0-1)	Total/NA	Solid	8021B	8062
890-1271-3	AH-2 (1-1.5)	Total/NA	Solid	8021B	8062
890-1271-4	AH-2 (2-2.5)	Total/NA	Solid	8021B	8062
890-1271-5	AH-2 (3-3.5)	Total/NA	Solid	8021B	8062
890-1271-6	AH-2 (4-4.5)	Total/NA	Solid	8021B	8062
890-1271-7	AH-3 (0-1)	Total/NA	Solid	8021B	8062
890-1271-8	AH-4 (0-1)	Total/NA	Solid	8021B	8062
890-1271-9	AH-4 (1-1.5)	Total/NA	Solid	8021B	8062
890-1271-10	AH-4 (2-2.5)	Total/NA	Solid	8021B	8062
890-1271-11	AH-4 (3-3.5)	Total/NA	Solid	8021B	8062
890-1271-12	AH-4 (4-4.5)	Total/NA	Solid	8021B	8062
890-1271-13	AH-5 (0-1)	Total/NA	Solid	8021B	8062
890-1271-14	AH-5 (1-1.5)	Total/NA	Solid	8021B	8062
890-1271-15	AH-5 (2-2.5)	Total/NA	Solid	8021B	8062
890-1271-16	AH-5 (3-3.5)	Total/NA	Solid	8021B	8062
890-1271-17	AH-5 (4-4.5)	Total/NA	Solid	8021B	8062
890-1271-18	AH-6 (0-1)	Total/NA	Solid	8021B	8062
890-1271-19	AH-6 (1-1.5)	Total/NA	Solid	8021B	8062
890-1271-20	AH-6 (2-2.5)	Total/NA	Solid	8021B	8062
MB 880-8061/5-A	Method Blank	Total/NA	Solid	8021B	8061
MB 880-8062/5-A	Method Blank	Total/NA	Solid	8021B	8062
LCS 880-8062/1-A	Lab Control Sample	Total/NA	Solid	8021B	8062
LCSD 880-8062/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	8062
890-1271-1 MS	AH-1 (0-1)	Total/NA	Solid	8021B	8062
890-1271-1 MSD	AH-1 (0-1)	Total/NA	Solid	8021B	8062

Analysis Batch: 8086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-21	AH-7 (0-1)	Total/NA	Solid	8021B	8063
890-1271-22	AH-7 (1-1.5)	Total/NA	Solid	8021B	8063
890-1271-23	AH-7 (2-2.5)	Total/NA	Solid	8021B	8063
890-1271-24	AH-7 (3-3.5)	Total/NA	Solid	8021B	8063
890-1271-25	AH-7 (4-4.5)	Total/NA	Solid	8021B	8063
890-1271-26	AH-8 (0-1)	Total/NA	Solid	8021B	8063
890-1271-27	AH-8 (1-1.5)	Total/NA	Solid	8021B	8063
890-1271-28	AH-8 (2-2.5)	Total/NA	Solid	8021B	8063
890-1271-29	AH-8 (3-3.5)	Total/NA	Solid	8021B	8063
890-1271-30	AH-8 (4-4.5)	Total/NA	Solid	8021B	8063
890-1271-31	AH-9 (0-1)	Total/NA	Solid	8021B	8063
890-1271-32	H-1 (0-0.5)	Total/NA	Solid	8021B	8063
890-1271-33	H-2 (0-0.5)	Total/NA	Solid	8021B	8063
890-1271-34	H-3 (0-0.5)	Total/NA	Solid	8021B	8063

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 8086 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-35	H-4 (0-0.5)	Total/NA	Solid	8021B	8063
890-1271-36	AH-9 (1-1.5)	Total/NA	Solid	8021B	8063
890-1271-37	AH-9 (2-2.5)	Total/NA	Solid	8021B	8063
890-1271-38	AH-9 (3-3.5)	Total/NA	Solid	8021B	8063
890-1271-39	AH-9 (4-4.5)	Total/NA	Solid	8021B	8063
MB 880-8063/5-A	Method Blank	Total/NA	Solid	8021B	8063
LCS 880-8063/1-A	Lab Control Sample	Total/NA	Solid	8021B	8063
LCSD 880-8063/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	8063
890-1271-21 MS	AH-7 (0-1)	Total/NA	Solid	8021B	8063
890-1271-21 MSD	AH-7 (0-1)	Total/NA	Solid	8021B	8063

GC Semi VOA

Prep Batch: 8092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-1	AH-1 (0-1)	Total/NA	Solid	8015NM Prep	
890-1271-2	AH-2 (0-1)	Total/NA	Solid	8015NM Prep	
890-1271-3	AH-2 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-1271-4	AH-2 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-1271-5	AH-2 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-1271-6	AH-2 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-1271-7	AH-3 (0-1)	Total/NA	Solid	8015NM Prep	
890-1271-8	AH-4 (0-1)	Total/NA	Solid	8015NM Prep	
890-1271-9	AH-4 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-1271-10	AH-4 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-1271-11	AH-4 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-1271-12	AH-4 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-1271-13	AH-5 (0-1)	Total/NA	Solid	8015NM Prep	
890-1271-14	AH-5 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-1271-15	AH-5 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-1271-16	AH-5 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-1271-17	AH-5 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-1271-18	AH-6 (0-1)	Total/NA	Solid	8015NM Prep	
890-1271-19	AH-6 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-1271-20	AH-6 (2-2.5)	Total/NA	Solid	8015NM Prep	
MB 880-8092/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-8092/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-8092/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1271-1 MS	AH-1 (0-1)	Total/NA	Solid	8015NM Prep	
890-1271-1 MSD	AH-1 (0-1)	Total/NA	Solid	8015NM Prep	

Prep Batch: 8093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-21	AH-7 (0-1)	Total/NA	Solid	8015NM Prep	
890-1271-22	AH-7 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-1271-23	AH-7 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-1271-24	AH-7 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-1271-25	AH-7 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-1271-26	AH-8 (0-1)	Total/NA	Solid	8015NM Prep	
890-1271-27	AH-8 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-1271-28	AH-8 (2-2.5)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 8093 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-29	AH-8 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-1271-30	AH-8 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-1271-31	AH-9 (0-1)	Total/NA	Solid	8015NM Prep	
890-1271-32	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-1271-33	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-1271-34	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-1271-35	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-1271-36	AH-9 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-1271-37	AH-9 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-1271-38	AH-9 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-1271-39	AH-9 (4-4.5)	Total/NA	Solid	8015NM Prep	
MB 880-8093/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-8093/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-8093/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1271-21 MS	AH-7 (0-1)	Total/NA	Solid	8015NM Prep	
890-1271-21 MSD	AH-7 (0-1)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 8100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-1	AH-1 (0-1)	Total/NA	Solid	8015B NM	8092
890-1271-2	AH-2 (0-1)	Total/NA	Solid	8015B NM	8092
890-1271-3	AH-2 (1-1.5)	Total/NA	Solid	8015B NM	8092
890-1271-4	AH-2 (2-2.5)	Total/NA	Solid	8015B NM	8092
890-1271-5	AH-2 (3-3.5)	Total/NA	Solid	8015B NM	8092
890-1271-6	AH-2 (4-4.5)	Total/NA	Solid	8015B NM	8092
890-1271-7	AH-3 (0-1)	Total/NA	Solid	8015B NM	8092
890-1271-8	AH-4 (0-1)	Total/NA	Solid	8015B NM	8092
890-1271-9	AH-4 (1-1.5)	Total/NA	Solid	8015B NM	8092
890-1271-10	AH-4 (2-2.5)	Total/NA	Solid	8015B NM	8092
890-1271-11	AH-4 (3-3.5)	Total/NA	Solid	8015B NM	8092
890-1271-12	AH-4 (4-4.5)	Total/NA	Solid	8015B NM	8092
890-1271-13	AH-5 (0-1)	Total/NA	Solid	8015B NM	8092
890-1271-14	AH-5 (1-1.5)	Total/NA	Solid	8015B NM	8092
890-1271-15	AH-5 (2-2.5)	Total/NA	Solid	8015B NM	8092
890-1271-16	AH-5 (3-3.5)	Total/NA	Solid	8015B NM	8092
890-1271-17	AH-5 (4-4.5)	Total/NA	Solid	8015B NM	8092
890-1271-18	AH-6 (0-1)	Total/NA	Solid	8015B NM	8092
890-1271-19	AH-6 (1-1.5)	Total/NA	Solid	8015B NM	8092
890-1271-20	AH-6 (2-2.5)	Total/NA	Solid	8015B NM	8092
MB 880-8092/1-A	Method Blank	Total/NA	Solid	8015B NM	8092
LCS 880-8092/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	8092
LCSD 880-8092/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	8092
890-1271-1 MS	AH-1 (0-1)	Total/NA	Solid	8015B NM	8092
890-1271-1 MSD	AH-1 (0-1)	Total/NA	Solid	8015B NM	8092

Analysis Batch: 8103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-21	AH-7 (0-1)	Total/NA	Solid	8015B NM	8093
890-1271-22	AH-7 (1-1.5)	Total/NA	Solid	8015B NM	8093
890-1271-23	AH-7 (2-2.5)	Total/NA	Solid	8015B NM	8093
890-1271-24	AH-7 (3-3.5)	Total/NA	Solid	8015B NM	8093

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 8103 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-25	AH-7 (4-4.5)	Total/NA	Solid	8015B NM	8093
890-1271-26	AH-8 (0-1)	Total/NA	Solid	8015B NM	8093
890-1271-27	AH-8 (1-1.5)	Total/NA	Solid	8015B NM	8093
890-1271-28	AH-8 (2-2.5)	Total/NA	Solid	8015B NM	8093
890-1271-29	AH-8 (3-3.5)	Total/NA	Solid	8015B NM	8093
890-1271-30	AH-8 (4-4.5)	Total/NA	Solid	8015B NM	8093
890-1271-31	AH-9 (0-1)	Total/NA	Solid	8015B NM	8093
890-1271-32	H-1 (0-0.5)	Total/NA	Solid	8015B NM	8093
890-1271-33	H-2 (0-0.5)	Total/NA	Solid	8015B NM	8093
890-1271-34	H-3 (0-0.5)	Total/NA	Solid	8015B NM	8093
890-1271-35	H-4 (0-0.5)	Total/NA	Solid	8015B NM	8093
890-1271-36	AH-9 (1-1.5)	Total/NA	Solid	8015B NM	8093
890-1271-37	AH-9 (2-2.5)	Total/NA	Solid	8015B NM	8093
890-1271-38	AH-9 (3-3.5)	Total/NA	Solid	8015B NM	8093
890-1271-39	AH-9 (4-4.5)	Total/NA	Solid	8015B NM	8093
MB 880-8093/1-A	Method Blank	Total/NA	Solid	8015B NM	8093
LCS 880-8093/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	8093
LCSD 880-8093/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	8093
890-1271-21 MS	AH-7 (0-1)	Total/NA	Solid	8015B NM	8093
890-1271-21 MSD	AH-7 (0-1)	Total/NA	Solid	8015B NM	8093

HPLC/IC

Leach Batch: 8116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-24	AH-7 (3-3.5)	Soluble	Solid	DI Leach	
890-1271-25	AH-7 (4-4.5)	Soluble	Solid	DI Leach	
890-1271-26	AH-8 (0-1)	Soluble	Solid	DI Leach	
890-1271-27	AH-8 (1-1.5)	Soluble	Solid	DI Leach	
890-1271-28	AH-8 (2-2.5)	Soluble	Solid	DI Leach	
890-1271-29	AH-8 (3-3.5)	Soluble	Solid	DI Leach	
890-1271-30	AH-8 (4-4.5)	Soluble	Solid	DI Leach	
890-1271-31	AH-9 (0-1)	Soluble	Solid	DI Leach	
890-1271-32	H-1 (0-0.5)	Soluble	Solid	DI Leach	
890-1271-33	H-2 (0-0.5)	Soluble	Solid	DI Leach	
890-1271-34	H-3 (0-0.5)	Soluble	Solid	DI Leach	
890-1271-35	H-4 (0-0.5)	Soluble	Solid	DI Leach	
890-1271-36	AH-9 (1-1.5)	Soluble	Solid	DI Leach	
890-1271-37	AH-9 (2-2.5)	Soluble	Solid	DI Leach	
890-1271-38	AH-9 (3-3.5)	Soluble	Solid	DI Leach	
890-1271-39	AH-9 (4-4.5)	Soluble	Solid	DI Leach	
MB 880-8116/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-8116/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-8116/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1271-30 MS	AH-8 (4-4.5)	Soluble	Solid	DI Leach	
890-1271-30 MSD	AH-8 (4-4.5)	Soluble	Solid	DI Leach	

Leach Batch: 8121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-1	AH-1 (0-1)	Soluble	Solid	DI Leach	
890-1271-2	AH-2 (0-1)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 8121 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-3	AH-2 (1-1.5)	Soluble	Solid	DI Leach	
890-1271-4	AH-2 (2-2.5)	Soluble	Solid	DI Leach	
890-1271-5	AH-2 (3-3.5)	Soluble	Solid	DI Leach	
890-1271-6	AH-2 (4-4.5)	Soluble	Solid	DI Leach	
890-1271-7	AH-3 (0-1)	Soluble	Solid	DI Leach	
890-1271-8	AH-4 (0-1)	Soluble	Solid	DI Leach	
890-1271-9	AH-4 (1-1.5)	Soluble	Solid	DI Leach	
890-1271-10	AH-4 (2-2.5)	Soluble	Solid	DI Leach	
890-1271-11	AH-4 (3-3.5)	Soluble	Solid	DI Leach	
890-1271-12	AH-4 (4-4.5)	Soluble	Solid	DI Leach	
890-1271-13	AH-5 (0-1)	Soluble	Solid	DI Leach	
890-1271-14	AH-5 (1-1.5)	Soluble	Solid	DI Leach	
890-1271-15	AH-5 (2-2.5)	Soluble	Solid	DI Leach	
890-1271-16	AH-5 (3-3.5)	Soluble	Solid	DI Leach	
MB 880-8121/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-8121/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-8121/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1271-1 MS	AH-1 (0-1)	Soluble	Solid	DI Leach	
890-1271-1 MSD	AH-1 (0-1)	Soluble	Solid	DI Leach	
890-1271-11 MS	AH-4 (3-3.5)	Soluble	Solid	DI Leach	
890-1271-11 MSD	AH-4 (3-3.5)	Soluble	Solid	DI Leach	

Leach Batch: 8123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-17	AH-5 (4-4.5)	Soluble	Solid	DI Leach	
890-1271-18	AH-6 (0-1)	Soluble	Solid	DI Leach	
890-1271-19	AH-6 (1-1.5)	Soluble	Solid	DI Leach	
890-1271-20	AH-6 (2-2.5)	Soluble	Solid	DI Leach	
890-1271-21	AH-7 (0-1)	Soluble	Solid	DI Leach	
890-1271-22	AH-7 (1-1.5)	Soluble	Solid	DI Leach	
890-1271-23	AH-7 (2-2.5)	Soluble	Solid	DI Leach	
MB 880-8123/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-8123/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-8123/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1269-A-3-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-1269-A-3-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 8149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-24	AH-7 (3-3.5)	Soluble	Solid	300.0	8116
890-1271-25	AH-7 (4-4.5)	Soluble	Solid	300.0	8116
890-1271-26	AH-8 (0-1)	Soluble	Solid	300.0	8116
890-1271-27	AH-8 (1-1.5)	Soluble	Solid	300.0	8116
890-1271-28	AH-8 (2-2.5)	Soluble	Solid	300.0	8116
890-1271-29	AH-8 (3-3.5)	Soluble	Solid	300.0	8116
890-1271-30	AH-8 (4-4.5)	Soluble	Solid	300.0	8116
890-1271-31	AH-9 (0-1)	Soluble	Solid	300.0	8116
890-1271-32	H-1 (0-0.5)	Soluble	Solid	300.0	8116
890-1271-33	H-2 (0-0.5)	Soluble	Solid	300.0	8116
890-1271-34	H-3 (0-0.5)	Soluble	Solid	300.0	8116
890-1271-35	H-4 (0-0.5)	Soluble	Solid	300.0	8116

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 8149 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-36	AH-9 (1-1.5)	Soluble	Solid	300.0	8116
890-1271-37	AH-9 (2-2.5)	Soluble	Solid	300.0	8116
890-1271-38	AH-9 (3-3.5)	Soluble	Solid	300.0	8116
890-1271-39	AH-9 (4-4.5)	Soluble	Solid	300.0	8116
MB 880-8116/1-A	Method Blank	Soluble	Solid	300.0	8116
LCS 880-8116/2-A	Lab Control Sample	Soluble	Solid	300.0	8116
LCSD 880-8116/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	8116
890-1271-30 MS	AH-8 (4-4.5)	Soluble	Solid	300.0	8116
890-1271-30 MSD	AH-8 (4-4.5)	Soluble	Solid	300.0	8116

Analysis Batch: 8260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-1	AH-1 (0-1)	Soluble	Solid	300.0	8121
890-1271-2	AH-2 (0-1)	Soluble	Solid	300.0	8121
890-1271-3	AH-2 (1-1.5)	Soluble	Solid	300.0	8121
890-1271-4	AH-2 (2-2.5)	Soluble	Solid	300.0	8121
890-1271-5	AH-2 (3-3.5)	Soluble	Solid	300.0	8121
890-1271-6	AH-2 (4-4.5)	Soluble	Solid	300.0	8121
890-1271-7	AH-3 (0-1)	Soluble	Solid	300.0	8121
890-1271-8	AH-4 (0-1)	Soluble	Solid	300.0	8121
890-1271-9	AH-4 (1-1.5)	Soluble	Solid	300.0	8121
890-1271-10	AH-4 (2-2.5)	Soluble	Solid	300.0	8121
890-1271-11	AH-4 (3-3.5)	Soluble	Solid	300.0	8121
890-1271-12	AH-4 (4-4.5)	Soluble	Solid	300.0	8121
890-1271-13	AH-5 (0-1)	Soluble	Solid	300.0	8121
890-1271-14	AH-5 (1-1.5)	Soluble	Solid	300.0	8121
890-1271-15	AH-5 (2-2.5)	Soluble	Solid	300.0	8121
890-1271-16	AH-5 (3-3.5)	Soluble	Solid	300.0	8121
MB 880-8121/1-A	Method Blank	Soluble	Solid	300.0	8121
LCS 880-8121/2-A	Lab Control Sample	Soluble	Solid	300.0	8121
LCSD 880-8121/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	8121
890-1271-1 MS	AH-1 (0-1)	Soluble	Solid	300.0	8121
890-1271-1 MSD	AH-1 (0-1)	Soluble	Solid	300.0	8121
890-1271-11 MS	AH-4 (3-3.5)	Soluble	Solid	300.0	8121
890-1271-11 MSD	AH-4 (3-3.5)	Soluble	Solid	300.0	8121

Analysis Batch: 8272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1271-17	AH-5 (4-4.5)	Soluble	Solid	300.0	8123
890-1271-18	AH-6 (0-1)	Soluble	Solid	300.0	8123
890-1271-19	AH-6 (1-1.5)	Soluble	Solid	300.0	8123
890-1271-20	AH-6 (2-2.5)	Soluble	Solid	300.0	8123
890-1271-21	AH-7 (0-1)	Soluble	Solid	300.0	8123
890-1271-22	AH-7 (1-1.5)	Soluble	Solid	300.0	8123
890-1271-23	AH-7 (2-2.5)	Soluble	Solid	300.0	8123
MB 880-8123/1-A	Method Blank	Soluble	Solid	300.0	8123
LCS 880-8123/2-A	Lab Control Sample	Soluble	Solid	300.0	8123
LCSD 880-8123/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	8123
890-1269-A-3-D MS	Matrix Spike	Soluble	Solid	300.0	8123
890-1269-A-3-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	8123

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Lab Sample ID: 890-1271-1
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 16:28	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 11:54	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		1	8260	09/22/21 19:53	CH	XEN MID

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

Lab Sample ID: 890-1271-2
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 16:49	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 12:58	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		1	8260	09/22/21 20:10	CH	XEN MID

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

Lab Sample ID: 890-1271-3
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 17:10	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 13:20	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		1	8260	09/22/21 20:15	CH	XEN MID

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

Lab Sample ID: 890-1271-4
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 17:31	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 13:41	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		1	8260	09/22/21 20:21	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-2 (3-3.5)

Lab Sample ID: 890-1271-5
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 17:51	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 14:03	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		5	8260	09/22/21 20:27	CH	XEN MID

Client Sample ID: AH-2 (4-4.5)

Lab Sample ID: 890-1271-6
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 18:12	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 14:24	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		1	8260	09/22/21 20:43	CH	XEN MID

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

Lab Sample ID: 890-1271-7
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 18:33	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 14:46	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		1	8260	09/22/21 20:49	CH	XEN MID

Client Sample ID: AH-4 (0-1)

Lab Sample ID: 890-1271-8
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 18:54	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 15:07	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		1	8260	09/22/21 20:55	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-4 (1-1.5)

Lab Sample ID: 890-1271-9
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 19:15	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 15:29	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		1	8260	09/22/21 21:00	CH	XEN MID

Client Sample ID: AH-4 (2-2.5)

Lab Sample ID: 890-1271-10
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 19:35	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 15:50	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		1	8260	09/22/21 21:06	CH	XEN MID

Client Sample ID: AH-4 (3-3.5)

Lab Sample ID: 890-1271-11
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 20:59	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 16:34	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		1	8260	09/22/21 21:12	CH	XEN MID

Client Sample ID: AH-4 (4-4.5)

Lab Sample ID: 890-1271-12
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 21:20	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 16:55	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		5	8260	09/22/21 21:28	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1271-1
Project/Site: EOG - Fox 30 SDG: Lea County NM

Client Sample ID: AH-5 (0-1) Lab Sample ID: 890-1271-13

Date Collected: 09/16/21 00:00 **Matrix: Solid**
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 21:40	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 17:17	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		1	8260	09/22/21 21:34	CH	XEN MID

Client Sample ID: AH-5 (1-1.5) Lab Sample ID: 890-1271-14

Date Collected: 09/16/21 00:00 **Matrix: Solid**
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 22:01	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 18:04	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		1	8260	09/22/21 21:51	CH	XEN MID

Client Sample ID: AH-5 (2-2.5) Lab Sample ID: 890-1271-15

Date Collected: 09/16/21 00:00 **Matrix: Solid**
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 22:22	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 18:25	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		1	8260	09/22/21 21:57	CH	XEN MID

Client Sample ID: AH-5 (3-3.5) Lab Sample ID: 890-1271-16

Date Collected: 09/16/21 00:00 **Matrix: Solid**
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 22:42	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 18:47	AJ	XEN MID
Soluble	Leach	DI Leach			8121	09/20/21 12:01	CH	XEN MID
Soluble	Analysis	300.0		1	8260	09/22/21 22:02	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-5 (4-4.5)

Lab Sample ID: 890-1271-17
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 23:03	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 19:08	AJ	XEN MID
Soluble	Leach	DI Leach			8123	09/20/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		1	8272	09/23/21 12:19	CH	XEN MID

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

Lab Sample ID: 890-1271-18
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 23:24	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 19:30	AJ	XEN MID
Soluble	Leach	DI Leach			8123	09/20/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		1	8272	09/23/21 12:25	CH	XEN MID

Client Sample ID: AH-6 (1-1.5)

Lab Sample ID: 890-1271-19
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/19/21 23:44	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 19:52	AJ	XEN MID
Soluble	Leach	DI Leach			8123	09/20/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		1	8272	09/23/21 12:30	CH	XEN MID

Client Sample ID: AH-6 (2-2.5)

Lab Sample ID: 890-1271-20
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8062	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8085	09/20/21 00:05	KL	XEN MID
Total/NA	Prep	8015NM Prep			8092	09/20/21 08:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8100	09/20/21 20:13	AJ	XEN MID
Soluble	Leach	DI Leach			8123	09/20/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		1	8272	09/23/21 12:36	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Lab Sample ID: 890-1271-21
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/18/21 18:26	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 11:54	AJ	XEN MID
Soluble	Leach	DI Leach			8123	09/20/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		1	8272	09/23/21 12:41	CH	XEN MID

Client Sample ID: AH-7 (1-1.5)

Lab Sample ID: 890-1271-22
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/18/21 18:47	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 12:58	AJ	XEN MID
Soluble	Leach	DI Leach			8123	09/20/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		1	8272	09/23/21 12:47	CH	XEN MID

Client Sample ID: AH-7 (2-2.5)

Lab Sample ID: 890-1271-23
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/18/21 19:07	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 13:20	AJ	XEN MID
Soluble	Leach	DI Leach			8123	09/20/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		1	8272	09/23/21 12:53	CH	XEN MID

Client Sample ID: AH-7 (3-3.5)

Lab Sample ID: 890-1271-24
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/18/21 19:28	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 13:41	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 19:36	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1271-1
Project/Site: EOG - Fox 30 SDG: Lea County NM

Client Sample ID: AH-7 (4-4.5) Lab Sample ID: 890-1271-25

Date Collected: 09/16/21 00:00 **Matrix: Solid**
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/18/21 19:48	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 14:03	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 19:52	CH	XEN MID

Client Sample ID: AH-8 (0-1) Lab Sample ID: 890-1271-26

Date Collected: 09/16/21 00:00 **Matrix: Solid**
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/18/21 20:08	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 14:24	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 19:58	CH	XEN MID

Client Sample ID: AH-8 (1-1.5) Lab Sample ID: 890-1271-27

Date Collected: 09/16/21 00:00 **Matrix: Solid**
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/18/21 20:29	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 14:46	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 20:04	CH	XEN MID

Client Sample ID: AH-8 (2-2.5) Lab Sample ID: 890-1271-28

Date Collected: 09/16/21 00:00 **Matrix: Solid**
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/18/21 20:49	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 15:07	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 20:09	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-8 (3-3.5)
Lab Sample ID: 890-1271-29

Date Collected: 09/16/21 00:00
Matrix: Solid
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/18/21 21:10	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 15:29	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 20:15	CH	XEN MID

Client Sample ID: AH-8 (4-4.5)
Lab Sample ID: 890-1271-30

Date Collected: 09/16/21 00:00
Matrix: Solid
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/18/21 21:30	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 15:50	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 20:20	CH	XEN MID

Client Sample ID: AH-9 (0-1)
Lab Sample ID: 890-1271-31

Date Collected: 09/16/21 00:00
Matrix: Solid
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/18/21 23:20	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 16:34	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 20:37	CH	XEN MID

Client Sample ID: H-1 (0-0.5)
Lab Sample ID: 890-1271-32

Date Collected: 09/16/21 00:00
Matrix: Solid
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/18/21 23:40	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 16:55	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 20:43	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: H-2 (0-0.5)

Lab Sample ID: 890-1271-33
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/19/21 00:01	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 17:17	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 21:00	CH	XEN MID

Client Sample ID: H-3 (0-0.5)

Lab Sample ID: 890-1271-34
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/19/21 00:21	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 18:04	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 21:05	CH	XEN MID

Client Sample ID: H-4 (0-0.5)

Lab Sample ID: 890-1271-35
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/19/21 00:41	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 18:25	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 21:11	CH	XEN MID

Client Sample ID: AH-9 (1-1.5)

Lab Sample ID: 890-1271-36
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/19/21 01:02	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 18:47	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 21:17	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Client Sample ID: AH-9 (2-2.5)

Lab Sample ID: 890-1271-37
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/19/21 01:22	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 19:08	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 21:22	CH	XEN MID

Client Sample ID: AH-9 (3-3.5)

Lab Sample ID: 890-1271-38
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/19/21 01:43	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 19:30	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 21:28	CH	XEN MID

Client Sample ID: AH-9 (4-4.5)

Lab Sample ID: 890-1271-39
Matrix: Solid
Date Collected: 09/16/21 00:00
Date Received: 09/17/21 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8063	09/18/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	8086	09/19/21 02:03	MR	XEN MID
Total/NA	Prep	8015NM Prep			8093	09/20/21 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1	8103	09/20/21 19:52	AJ	XEN MID
Soluble	Leach	DI Leach			8116	09/20/21 11:50	CH	XEN MID
Soluble	Analysis	300.0		1	8149	09/20/21 21:33	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

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

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: EOG - Fox 30

Job ID: 890-1271-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1271-1	AH-1 (0-1)	Solid	09/16/21 00:00	09/17/21 09:28	0 - 1
890-1271-2	AH-2 (0-1)	Solid	09/16/21 00:00	09/17/21 09:28	0 - 1
890-1271-3	AH-2 (1-1.5)	Solid	09/16/21 00:00	09/17/21 09:28	1 - 1.5
890-1271-4	AH-2 (2-2.5)	Solid	09/16/21 00:00	09/17/21 09:28	2 - 2.5
890-1271-5	AH-2 (3-3.5)	Solid	09/16/21 00:00	09/17/21 09:28	3 - 3.5
890-1271-6	AH-2 (4-4.5)	Solid	09/16/21 00:00	09/17/21 09:28	4 - 4.5
890-1271-7	AH-3 (0-1)	Solid	09/16/21 00:00	09/17/21 09:28	0 - 1
890-1271-8	AH-4 (0-1)	Solid	09/16/21 00:00	09/17/21 09:28	0 - 1
890-1271-9	AH-4 (1-1.5)	Solid	09/16/21 00:00	09/17/21 09:28	1 - 1.5
890-1271-10	AH-4 (2-2.5)	Solid	09/16/21 00:00	09/17/21 09:28	2 - 2.5
890-1271-11	AH-4 (3-3.5)	Solid	09/16/21 00:00	09/17/21 09:28	3 - 3.5
890-1271-12	AH-4 (4-4.5)	Solid	09/16/21 00:00	09/17/21 09:28	4 - 4.5
890-1271-13	AH-5 (0-1)	Solid	09/16/21 00:00	09/17/21 09:28	0 - 1
890-1271-14	AH-5 (1-1.5)	Solid	09/16/21 00:00	09/17/21 09:28	1 - 1.5
890-1271-15	AH-5 (2-2.5)	Solid	09/16/21 00:00	09/17/21 09:28	2 - 2.5
890-1271-16	AH-5 (3-3.5)	Solid	09/16/21 00:00	09/17/21 09:28	3 - 3.5
890-1271-17	AH-5 (4-4.5)	Solid	09/16/21 00:00	09/17/21 09:28	4 - 4.5
890-1271-18	AH-6 (0-1)	Solid	09/16/21 00:00	09/17/21 09:28	0 - 1
890-1271-19	AH-6 (1-1.5)	Solid	09/16/21 00:00	09/17/21 09:28	1 - 1.5
890-1271-20	AH-6 (2-2.5)	Solid	09/16/21 00:00	09/17/21 09:28	2 - 2.5
890-1271-21	AH-7 (0-1)	Solid	09/16/21 00:00	09/17/21 09:28	0 - 1
890-1271-22	AH-7 (1-1.5)	Solid	09/16/21 00:00	09/17/21 09:28	1 - 1.5
890-1271-23	AH-7 (2-2.5)	Solid	09/16/21 00:00	09/17/21 09:28	2 - 2.5
890-1271-24	AH-7 (3-3.5)	Solid	09/16/21 00:00	09/17/21 09:28	3 - 3.5
890-1271-25	AH-7 (4-4.5)	Solid	09/16/21 00:00	09/17/21 09:28	4 - 4.5
890-1271-26	AH-8 (0-1)	Solid	09/16/21 00:00	09/17/21 09:28	0 - 1
890-1271-27	AH-8 (1-1.5)	Solid	09/16/21 00:00	09/17/21 09:28	1 - 1.5
890-1271-28	AH-8 (2-2.5)	Solid	09/16/21 00:00	09/17/21 09:28	2 - 2.5
890-1271-29	AH-8 (3-3.5)	Solid	09/16/21 00:00	09/17/21 09:28	3 - 3.5
890-1271-30	AH-8 (4-4.5)	Solid	09/16/21 00:00	09/17/21 09:28	4 - 4.5
890-1271-31	AH-9 (0-1)	Solid	09/16/21 00:00	09/17/21 09:28	0 - 1
890-1271-32	H-1 (0-0.5)	Solid	09/16/21 00:00	09/17/21 09:28	0 - 0.5
890-1271-33	H-2 (0-0.5)	Solid	09/16/21 00:00	09/17/21 09:28	0 - 0.5
890-1271-34	H-3 (0-0.5)	Solid	09/16/21 00:00	09/17/21 09:28	0 - 0.5
890-1271-35	H-4 (0-0.5)	Solid	09/16/21 00:00	09/17/21 09:28	0 - 0.5
890-1271-36	AH-9 (1-1.5)	Solid	09/16/21 00:00	09/17/21 09:28	1 - 1.5
890-1271-37	AH-9 (2-2.5)	Solid	09/16/21 00:00	09/17/21 09:28	2 - 2.5
890-1271-38	AH-9 (3-3.5)	Solid	09/16/21 00:00	09/17/21 09:28	3 - 3.5
890-1271-39	AH-9 (4-4.5)	Solid	09/16/21 00:00	09/17/21 09:28	4 - 4.5

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

890-1271 Chain of Custody

Page 1 of 4

9/23/2021

Client Name: EOG Resources	Site Manager: Brittany Long
Project Name: Fox 30	
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02339
Invoice to: EOG Resources, Todd Wells	
Receiving Laboratory: Xenco Eurofins	Sampler Signature: Myles Taylor
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)
	AH-1 (0-1')	9/16/21			X			X		1	
	AH-2 (0-1')	9/16/21			X			X		1	
	AH-2 (1-1.5')	9/16/21			X			X		1	
	AH-2 (2-2.5')	9/16/21			X			X		1	
	AH-2 (3-3.5')	9/16/21			X			X		1	
	AH-2 (4-4.5')	9/16/21			X			X		1	
	AH-3 (0-1')	9/16/21			X			X		1	
	AH-4 (0-1')	9/16/21			X			X		1	
	AH-4 ~~(0-1')~~ MT 9/17/21 (1-1.5')	9/16/21			X			X		1	
	AH-4 ~~(0-1')~~ MT 9/17/21 (2-2.5')	9/16/21			X			X		1	

ANALYSIS REQUEST (Circle or Specify Method No.)

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

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Myles Taylor	9/17/21	927	Cue Gut	9.17.21	0928
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature
3.6
3.4

REMARKS:

- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG Resources

Site Manager: Brittany Long

Project Name: Fox 30

Project Location: (county, state) Lea County, New Mexico

Project #: 212C-MD-02339

Invoice to: EOG Resources, Todd Wells

Receiving Laboratory: Xenco Eurofins

Sampler Signature: Myles Taylor

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)
	AH-4 (3-3.5')	9/16/21			X			X		1	
	AH-4 (4-4.5')	9/16/21			X			X		1	
	AH-5 (0-1')	9/16/21			X			X		1	
	AH-5 (1-1.5')	9/16/21			X			X		1	
	AH-5 (2-2.5')	9/16/21			X			X		1	
	AH-5 (3-3.5')	9/16/21			X			X		1	
	AH-5 (4-4.5')	9/16/21			X			X		1	
	AH-6 (0-1')	9/16/21			X			X		1	
	AH-6 (1-1.5')	9/16/21			X			X		1	
	AH-6 (2-2.5')	9/16/21			X			X		1	

ANALYSIS REQUEST (Circle or Specify Method No.)

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

Relinquished by: Myles Taylor Date: 9-17-21 Time: 927

Received by: Cloe Cook Date: 9.17.21 Time: 0928

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

LAB USE ONLY

Sample Temperature: Pg1

REMARKS:

☒ STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG Resources
Site Manager: Brittany Long
Project Name: Fox 30
Project Location: (county, state) Lea County, New Mexico
Project #: 212C-MD-02339
Invoice to: EOG Resources, Todd Wells
Receiving Laboratory: Xenco Eurofins
Sampler Signature: Myles Taylor
Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	AH-7 (0-1')	9/16/21			X			X		1		X		X												X								
	AH-7 (1-1.5')	9/16/21			X			X		1		X		X												X								
	AH-7 (2-2.5')	9/16/21			X			X		1		X		X												X								
	AH-7 (3-3.5')	9/16/21			X			X		1		X		X												X								
	AH-7 (4-4.5')	9/16/21			X			X		1		X		X												X								
	AH-8 (0-1')	9/16/21			X			X		1		X		X												X								
	AH-8 (1-1.5')	9/16/21			X			X		1		X		X												X								
	AH-8 (2-2.5')	9/16/21			X			X		1		X		X												X								
	AH-8 (3-3.5')	9/16/21			X			X		1		X		X												X								
	AH-8 (4-4.5')	9/16/21			X			X		1		X		X												X								

ANALYSIS REQUEST (Circle or Specify Method No.)

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Myles Taylor	9-17-21	927	Cor Cuff	9.17.21	0929
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] STANDARD
- [ ] ~~RUSH: Same Day 24 hr 48 hr 72 hr~~
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG Resources
Site Manager: Brittany Long
Project Name: Fox 30
Project Location: (county, state) Lea County, New Mexico
Project #: 212C-MD-02339
Invoice to: EOG Resources Todd Wells
Receiving Laboratory: Xenco Eurofins
Sampler Signature: Myles Taylor
Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	AH-9 (0-1')	9/16/21			X			X		1		X		X												X							
	H-1 (0-.5')	9/16/21			X			X		1		X		X												X							
	H-2 (0-.5')	9/16/21			X			X		1		X		X												X							
	H-3 (0-.5')	9/16/21			X			X		1		X		X												X							
	H-4 (0-.5')	9/16/21			X			X		1		X		X												X							

Relinquished by: Myles Taylor Date: 9-17-21 Time: 927
Received by: Cioe Cuff Date: 9.17.21 Time: 0928
Relinquished by: Date: Time:
Received by: Date: Time:
Relinquished by: Date: Time:
Received by: Date: Time:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-411 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 4
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana, NELAP - Texas		Job #: 890-1271-1
Address: 1211 W Florida Ave	Due Date Requested: 9/23/2021			
City: Midland	TAT Requested (days):			
State Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email:	WO #:			
Project Name: Fox 30	Project #: 88000039			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8021B/5035FP_Calc BTEX	300_ORGFM_28D/DI_LEACH Chloride	Total Number of containers	Special Instructions/Note
			Preservation Code:								
AH-1 (0-1) (890-1271-1)	9/16/21	Mountain		Solid			X	X	X	1	
AH-2 (0-1) (890-1271-2)	9/16/21	Mountain		Solid			X	X	X	1	
AH-2 (1-1 5) (890-1271-3)	9/16/21	Mountain		Solid			X	X	X	1	
AH-2 (2-2 5) (890-1271-4)	9/16/21	Mountain		Solid			X	X	X	1	
AH-2 (3-3 5) (890-1271-5)	9/16/21	Mountain		Solid			X	X	X	1	
AH-2 (4-4 5) (890-1271-6)	9/16/21	Mountain		Solid			X	X	X	1	
AH-3 (0-1) (890-1271-7)	9/16/21	Mountain		Solid			X	X	X	1	
AH-4 (0-1) (890-1271-8)	9/16/21	Mountain		Solid			X	X	X	1	
AH-4 (1-1 5) (890-1271-9)	9/16/21	Mountain		Solid			X	X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Clue Cup 9.17.21				9/18/21 11:00	Xenco
2	Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 06/08/2021

Received by OCD: 12/21/2021 3:26:13 PM

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Eurofins Xenco, Carlsbad
1089 N Canal St
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-411 2
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 2 of 4
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana, NELAP - Texas		Job #: 890-1271-1
Address: 1211 W Florida Ave	Due Date Requested: 9/23/2021			
City: Midland	TAT Requested (days):			
State Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email:	WO #:			
Project Name: Fox 30	Project #: 88000039			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8016NM_S_Prep (MOD) Full TPH	8021B/6035FP_Calc BTEX	300_ORGFM_28D/DI_LEACH Chloride	Total Number of containers	Special Instructions/Note.
			Preservation Code:								
AH-4 (2-2 5) (890-1271-10)	9/16/21	Mountain		Solid			X	X	X	1	
AH-4 (3-3 5) (890-1271-11)	9/16/21	Mountain		Solid			X	X	X	1	
AH-4 (4-4 5) (890-1271-12)	9/16/21	Mountain		Solid			X	X	X	1	
AH-5 (0-1) (890-1271-13)	9/16/21	Mountain		Solid			X	X	X	1	
AH-5 (1-1 5) (890-1271-14)	9/16/21	Mountain		Solid			X	X	X	1	
AH-5 (2-2 5) (890-1271-15)	9/16/21	Mountain		Solid			X	X	X	1	
AH-5 (3-3 5) (890-1271-16)	9/16/21	Mountain		Solid			X	X	X	1	
AH-5 (4-4 5) (890-1271-17)	9/16/21	Mountain		Solid			X	X	X	1	
AH-6 (0-1) (890-1271-18)	9/16/21	Mountain		Solid			X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by: Cece Cook 9.17.21	Date/Time:	Company	Received by:	Date/Time: 9/18/21 11 00	Company: Xenco
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver: 06/08/2021

Received by OCD: 12/21/2021 3:26:13 PM

Released to Imaging: 1/14/2022 2:45:36 PM

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Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone 575-988-3199 Fax. 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-411 3
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica kramer@eurofinset com	State of Origin: New Mexico	Page: Page 3 of 4
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1271-1
Address: 1211 W Florida Ave	Due Date Requested: 9/23/2021			
City: Midland	TAT Requested (days):			
State Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Fox 30	Project #: 88000039			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8016MOD_NM/8016NM_S_Prep (MOD) Full TPH	8021B/6035FP_Calc BTEX	300_ORGFM_28D/DI_LEACH Chloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
AH-6 (1-1 5) (890-1271-19)	9/16/21	Mountain		Solid			X	X	X	1	
AH-6 (2-2 5) (890-1271-20)	9/16/21	Mountain		Solid			X	X	X	1	
AH-7 (0-1) (890-1271-21)	9/16/21	Mountain		Solid			X	X	X	1	
AH-7 (1-1 5) (890-1271-22)	9/16/21	Mountain		Solid			X	X	X	1	
AH-7 (2-2 5) (890-1271-23)	9/16/21	Mountain		Solid			X	X	X	1	
AH-7 (3-3 5) (890-1271-24)	9/16/21	Mountain		Solid			X	X	X	1	
AH-7 (4-4 5) (890-1271-25)	9/16/21	Mountain		Solid			X	X	X	1	
AH-8 (0-1) (890-1271-26)	9/16/21	Mountain		Solid			X	X	X	1	
AH-8 (1-1 5) (890-1271-27)	9/16/21	Mountain		Solid			X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III, IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Clue Cusp 9.17.21				9/16/21 11:00	Xenco
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 06/08/2021

Received by OCD: 12/21/2021 3:26:13 PM

Released to Imaging: 1/14/2022 2:45:36 PM

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Eurofins Xenco, Carlsbad
1089 N Canal St
Carlsbad, NM 88220
Phone. 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-411 4
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica kramer@eurofinset com	State of Origin: New Mexico	Page: Page 4 of 4
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1271-1
Address: 1211 W Florida Ave	Due Date Requested: 9/23/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Fox 30	Project #: 88000039			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8021B/5035FP_Calc BTEX	300_ORGFM_28D/DI_LEACH Chloride	Total Number of containers	Special Instructions/Note.
			Preservation Code:								
AH-8 (2-2 5) (890-1271-28)	9/16/21	Mountain		Solid			X	X	X	1	
AH-8 (3-3 5) (890-1271-29)	9/16/21	Mountain		Solid			X	X	X	1	
AH-8 (4-4 5) (890-1271-30)	9/16/21	Mountain		Solid			X	X	X	1	
AH-9 (0-1) (890-1271-31)	9/16/21	Mountain		Solid			X	X	X	1	
H-1 (0-0 5) (890-1271-32)	9/16/21	Mountain		Solid			X	X	X	1	
H-2 (0-0 5) (890-1271-33)	9/16/21	Mountain		Solid			X	X	X	1	
H-3 (0-0 5) (890-1271-34)	9/16/21	Mountain		Solid			X	X	X	1	
H-4 (0-0 5) (890-1271-35)	9/16/21	Mountain		Solid			X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Clue Cuelp 9.17.21				9/18/21 11:00	Xenco
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 06/08/2021

Received by OCD: 12/21/2021 3:26:13 PM

Released to Imaging: 1/14/2022 2:45:36 PM

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No.: 890-412 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica kramer@eurofinset com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1271-1
Address: 1211 W Florida Ave, ,	Due Date Requested: 9/23/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Fox 30	Project #: 88000039			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A - HCL, B NaOH, C Zn Acetate, D - Nitric Acid, E NaHSO4, F - MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K - EDTA, L EDA, M - Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8016MOD_NM/8016NM_S_Prep (MOD) Full TPH	8021B/5035FP_Calc BTEX	300_ORGFM_28D/DI_LEACH Chloride	Total Number of containers	Special Instructions/Note
			Preservation Code:								
AH-9 (1-1 5) (890-1271-36)	9/16/21	Mountain		Solid			X	X	X	1	
AH-9 (2-2 5) (890-1271-37)	9/16/21	Mountain		Solid			X	X	X	1	
AH-9 (3-3 5) (890-1271-38)	9/16/21	Mountain		Solid			X	X	X	1	
AH-9 (4-4 5) (890-1271-39)	9/16/21	Mountain		Solid			X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time.	Method of Shipment:		
Relinquished by: Chae Culp 9.17.21	Date/Time	Company	Received by:	Date/Time: 9/18/21 11:00	Company: Eurofins
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver: 06/08/2021

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Received by OCD: 12/21/2021 3:26:13 PM
9/23/2021
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Released to Imaging: 1/14/2022 2:45:36 PM

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1271-1
SDG Number: Lea County NM

Login Number: 1271
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Xenco, 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.	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	

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1271-1
SDG Number: Lea County NM

Login Number: 1271
List Number: 2
Creator: Lowe, Katie

List Source: Eurofins Xenco, Midland
List Creation: 09/18/21 01:40 PM

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.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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").	True	

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ANALYTICAL REPORT

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-1439-1
Laboratory Sample Delivery Group: Lea County NM
Client Project/Site: Fox 30

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
10/20/2021 7:27:54 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-1439-1
Project/Site: Fox 30 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
B	Compound was found in the blank and sample.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Job ID: 890-1439-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1439-1

Receipt
The samples were received on 10/15/2021 10:39 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: T-1 (1) (890-1439-2), T-1 (3) (890-1439-4), T-1 (4) (890-1439-5) and T-3 (0-1) (890-1439-13). 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.

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-9817/1-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
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: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

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

Lab Sample ID: 890-1439-1
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 14:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 14:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 14:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/18/21 09:47	10/18/21 14:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 14:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/18/21 09:47	10/18/21 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*10/18/21 09:47*	*10/18/21 14:07*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*10/18/21 09:47*	*10/18/21 14:07*	*1*

Method: 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			10/20/21 20:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**56.1**		50.0		mg/Kg			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/18/21 20:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/18/21 17:06	10/18/21 20:40	1
Oil Range Organics (Over C28-C36)	**56.1**	**B**	50.0		mg/Kg		10/18/21 17:06	10/18/21 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*10/18/21 17:06*	*10/18/21 20:40*	*1*
o-Terphenyl	*103*		*70 - 130*	*10/18/21 17:06*	*10/18/21 20:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.42**		4.95		mg/Kg			10/19/21 20:10	1

Client Sample ID: T-1 (1)

Lab Sample ID: 890-1439-2
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/18/21 09:47	10/18/21 14:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/18/21 09:47	10/18/21 14:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/18/21 09:47	10/18/21 14:28	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/18/21 09:47	10/18/21 14:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/18/21 09:47	10/18/21 14:28	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/18/21 09:47	10/18/21 14:28	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-1 (1)

Lab Sample ID: 890-1439-2
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*142*	*S1+*	*70 - 130*	*10/18/21 09:47*	*10/18/21 14:28*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*10/18/21 09:47*	*10/18/21 14:28*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/18/21 22:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/18/21 17:06	10/18/21 22:04	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/18/21 17:06	10/18/21 22:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*93*		*70 - 130*	*10/18/21 17:06*	*10/18/21 22:04*	*1*
o-Terphenyl	*100*		*70 - 130*	*10/18/21 17:06*	*10/18/21 22:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**271**		5.03		mg/Kg			10/19/21 21:17	1

Client Sample ID: T-1 (2)

Lab Sample ID: 890-1439-3
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 14:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 14:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 14:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/18/21 09:47	10/18/21 14:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 14:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/18/21 09:47	10/18/21 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*10/18/21 09:47*	*10/18/21 14:48*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*10/18/21 09:47*	*10/18/21 14:48*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-1 (2)

Lab Sample ID: 890-1439-3
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 2

Method: 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		10/18/21 17:06	10/18/21 22:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/18/21 22:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/18/21 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*10/18/21 17:06*	*10/18/21 22:25*	*1*
o-Terphenyl	*112*		*70 - 130*	*10/18/21 17:06*	*10/18/21 22:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.8**		5.03		mg/Kg			10/19/21 20:27	1

Client Sample ID: T-1 (3)

Lab Sample ID: 890-1439-4
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 15:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 15:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 15:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/18/21 09:47	10/18/21 15:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 15:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/18/21 09:47	10/18/21 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*10/18/21 09:47*	*10/18/21 15:08*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/18/21 09:47*	*10/18/21 15:08*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/18/21 22:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/18/21 22:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/18/21 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*10/18/21 17:06*	*10/18/21 22:46*	*1*
o-Terphenyl	*109*		*70 - 130*	*10/18/21 17:06*	*10/18/21 22:46*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-1 (3)

Lab Sample ID: 890-1439-4
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.0		5.01		mg/Kg			10/19/21 20:32	1

Client Sample ID: T-1 (4)

Lab Sample ID: 890-1439-5
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 15:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 15:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 15:29	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/18/21 09:47	10/18/21 15:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 15:29	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/18/21 09:47	10/18/21 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*10/18/21 09:47*	*10/18/21 15:29*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*10/18/21 09:47*	*10/18/21 15:29*	*1*

Method: 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			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/18/21 23:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/18/21 23:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/18/21 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*10/18/21 17:06*	*10/18/21 23:07*	*1*
o-Terphenyl	*97*		*70 - 130*	*10/18/21 17:06*	*10/18/21 23:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.5		4.95		mg/Kg			10/19/21 20:38	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-1 (5)

Lab Sample ID: 890-1439-6
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 15:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 15:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 15:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/18/21 09:47	10/18/21 15:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 15:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/18/21 09:47	10/18/21 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*10/18/21 09:47*	*10/18/21 15:49*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/18/21 09:47*	*10/18/21 15:49*	*1*

Method: 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			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/18/21 23:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/18/21 17:06	10/18/21 23:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/18/21 17:06	10/18/21 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*10/18/21 17:06*	*10/18/21 23:28*	*1*
o-Terphenyl	*117*		*70 - 130*	*10/18/21 17:06*	*10/18/21 23:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.2**		5.04		mg/Kg			10/19/21 20:44	1

Client Sample ID: T-2 (0-1)

Lab Sample ID: 890-1439-7
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 16:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 16:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 16:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/18/21 09:47	10/18/21 16:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 16:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/18/21 09:47	10/18/21 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*10/18/21 09:47*	*10/18/21 16:10*	*1*

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-2 (0-1)

Lab Sample ID: 890-1439-7
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 0 - 1

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/18/21 09:47*	*10/18/21 16:10*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/18/21 23:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/18/21 23:49	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/18/21 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*10/18/21 17:06*	*10/18/21 23:49*	*1*
o-Terphenyl	*95*		*70 - 130*	*10/18/21 17:06*	*10/18/21 23:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.7**		4.99		mg/Kg			10/19/21 21:00	1

Client Sample ID: T-2 (1)

Lab Sample ID: 890-1439-8
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 16:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 16:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 16:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/18/21 09:47	10/18/21 16:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 16:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/18/21 09:47	10/18/21 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*10/18/21 09:47*	*10/18/21 16:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/18/21 09:47*	*10/18/21 16:30*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-2 (1)

Lab Sample ID: 890-1439-8
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 1

Method: 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		10/18/21 17:06	10/19/21 00:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/19/21 00:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/19/21 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*10/18/21 17:06*	*10/19/21 00:10*	*1*
o-Terphenyl	*107*		*70 - 130*	*10/18/21 17:06*	*10/19/21 00:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.26**		4.97		mg/Kg			10/19/21 21:06	1

Client Sample ID: T-2 (2)

Lab Sample ID: 890-1439-9
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/18/21 09:47	10/18/21 16:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/18/21 09:47	10/18/21 16:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/18/21 09:47	10/18/21 16:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/18/21 09:47	10/18/21 16:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/18/21 09:47	10/18/21 16:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/18/21 09:47	10/18/21 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*10/18/21 09:47*	*10/18/21 16:50*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*10/18/21 09:47*	*10/18/21 16:50*	*1*

Method: 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			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/19/21 00:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/19/21 00:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/19/21 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*10/18/21 17:06*	*10/19/21 00:31*	*1*
o-Terphenyl	*102*		*70 - 130*	*10/18/21 17:06*	*10/19/21 00:31*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-2 (2)

Lab Sample ID: 890-1439-9
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 2

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.67		5.05		mg/Kg			10/19/21 21:12	1

Client Sample ID: T-2 (3)

Lab Sample ID: 890-1439-10
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 17:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 17:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 17:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/18/21 09:47	10/18/21 17:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 17:11	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/18/21 09:47	10/18/21 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*10/18/21 09:47*	*10/18/21 17:11*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/18/21 09:47*	*10/18/21 17:11*	*1*

Method: 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			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/19/21 00:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/19/21 00:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/19/21 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*10/18/21 17:06*	*10/19/21 00:52*	*1*
o-Terphenyl	*102*		*70 - 130*	*10/18/21 17:06*	*10/19/21 00:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	257		5.00		mg/Kg			10/19/21 21:23	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-2 (4)

Lab Sample ID: 890-1439-11
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 18:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 18:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 18:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/18/21 09:47	10/18/21 18:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 18:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/18/21 09:47	10/18/21 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*10/18/21 09:47*	*10/18/21 18:33*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*10/18/21 09:47*	*10/18/21 18:33*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/19/21 01:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/18/21 17:06	10/19/21 01:13	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/18/21 17:06	10/19/21 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*10/18/21 17:06*	*10/19/21 01:13*	*1*
o-Terphenyl	*111*		*70 - 130*	*10/18/21 17:06*	*10/19/21 01:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**216**		5.01		mg/Kg			10/19/21 21:28	1

Client Sample ID: T-2 (5)

Lab Sample ID: 890-1439-12
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/18/21 09:47	10/18/21 18:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/18/21 09:47	10/18/21 18:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/18/21 09:47	10/18/21 18:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/18/21 09:47	10/18/21 18:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/18/21 09:47	10/18/21 18:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/18/21 09:47	10/18/21 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*10/18/21 09:47*	*10/18/21 18:53*	*1*

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-2 (5)

Lab Sample ID: 890-1439-12
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*10/18/21 09:47*	*10/18/21 18:53*	*1*

Method: 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			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/18/21 22:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/18/21 17:06	10/18/21 22:04	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/18/21 17:06	10/18/21 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*10/18/21 17:06*	*10/18/21 22:04*	*1*
o-Terphenyl	*96*		*70 - 130*	*10/18/21 17:06*	*10/18/21 22:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70.8**		4.97		mg/Kg			10/19/21 21:45	1

Client Sample ID: T-3 (0-1)

Lab Sample ID: 890-1439-13
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 19:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 19:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 19:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/18/21 09:47	10/18/21 19:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 19:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/18/21 09:47	10/18/21 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*10/18/21 09:47*	*10/18/21 19:13*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*10/18/21 09:47*	*10/18/21 19:13*	*1*

Method: 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			10/20/21 20:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/20/21 13:58	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-3 (0-1)

Lab Sample ID: 890-1439-13
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 0 - 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/18/21 17:06	10/18/21 22:25	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/18/21 17:06	10/18/21 22:25	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/18/21 17:06	10/18/21 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*10/18/21 17:06*	*10/18/21 22:25*	*1*
o-Terphenyl	*87*		*70 - 130*	*10/18/21 17:06*	*10/18/21 22:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.0**		4.99		mg/Kg			10/19/21 21:51	1

Client Sample ID: T-3 (1)

Lab Sample ID: 890-1439-14
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 19:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 19:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 19:34	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/18/21 09:47	10/18/21 19:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 19:34	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/18/21 09:47	10/18/21 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*10/18/21 09:47*	*10/18/21 19:34*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/18/21 09:47*	*10/18/21 19:34*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/18/21 22:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/18/21 17:06	10/18/21 22:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/18/21 17:06	10/18/21 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*10/18/21 17:06*	*10/18/21 22:46*	*1*
o-Terphenyl	*95*		*70 - 130*	*10/18/21 17:06*	*10/18/21 22:46*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-3 (1)

Lab Sample ID: 890-1439-14
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.7		4.96		mg/Kg			10/19/21 22:08	1

Client Sample ID: T-3 (2)

Lab Sample ID: 890-1439-15
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 19:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 19:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 19:54	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/18/21 09:47	10/18/21 19:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 19:54	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/18/21 09:47	10/18/21 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*10/18/21 09:47*	*10/18/21 19:54*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/18/21 09:47*	*10/18/21 19:54*	*1*

Method: 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			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/18/21 23:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/18/21 23:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/18/21 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*10/18/21 17:06*	*10/18/21 23:07*	*1*
o-Terphenyl	*90*		*70 - 130*	*10/18/21 17:06*	*10/18/21 23:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		5.04		mg/Kg			10/19/21 22:13	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-3 (3)

Lab Sample ID: 890-1439-16

Date Collected: 10/14/21 00:00
Matrix: Solid
Date Received: 10/15/21 10:39
Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 20:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 20:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 20:15	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/18/21 09:47	10/18/21 20:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:47	10/18/21 20:15	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/18/21 09:47	10/18/21 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*10/18/21 09:47*	*10/18/21 20:15*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/18/21 09:47*	*10/18/21 20:15*	*1*

Method: 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			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/18/21 23:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/18/21 23:28	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/18/21 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*10/18/21 17:06*	*10/18/21 23:28*	*1*
o-Terphenyl	*95*		*70 - 130*	*10/18/21 17:06*	*10/18/21 23:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**136**		4.97		mg/Kg			10/19/21 22:19	1

Client Sample ID: T-3 (4)

Lab Sample ID: 890-1439-17

Date Collected: 10/14/21 00:00
Matrix: Solid
Date Received: 10/15/21 10:39
Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 20:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 20:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 20:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/18/21 09:47	10/18/21 20:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 20:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/18/21 09:47	10/18/21 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/18/21 09:47*	*10/18/21 20:35*	*1*

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-3 (4)

Lab Sample ID: 890-1439-17
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 4

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*10/18/21 09:47*	*10/18/21 20:35*	*1*

Method: 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			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/18/21 23:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/18/21 17:06	10/18/21 23:49	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/18/21 17:06	10/18/21 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*10/18/21 17:06*	*10/18/21 23:49*	*1*
o-Terphenyl	*95*		*70 - 130*	*10/18/21 17:06*	*10/18/21 23:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**141**		5.04		mg/Kg			10/19/21 22:25	1

Client Sample ID: T-3 (5)

Lab Sample ID: 890-1439-18
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/18/21 09:47	10/18/21 20:55	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/18/21 09:47	10/18/21 20:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/18/21 09:47	10/18/21 20:55	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/18/21 09:47	10/18/21 20:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/18/21 09:47	10/18/21 20:55	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/18/21 09:47	10/18/21 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*10/18/21 09:47*	*10/18/21 20:55*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/18/21 09:47*	*10/18/21 20:55*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-3 (5)

Lab Sample ID: 890-1439-18
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 5

Method: 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		10/18/21 17:06	10/19/21 00:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/19/21 00:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/18/21 17:06	10/19/21 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*10/18/21 17:06*	*10/19/21 00:10*	*1*
o-Terphenyl	*91*		*70 - 130*	*10/18/21 17:06*	*10/19/21 00:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**191**		5.03		mg/Kg			10/19/21 22:30	1

Client Sample ID: BH-153 (4)

Lab Sample ID: 890-1439-19
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 21:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 21:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 21:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/18/21 09:47	10/18/21 21:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 21:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/18/21 09:47	10/18/21 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*10/18/21 09:47*	*10/18/21 21:16*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*10/18/21 09:47*	*10/18/21 21:16*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/19/21 00:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/18/21 17:06	10/19/21 00:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/18/21 17:06	10/19/21 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*10/18/21 17:06*	*10/19/21 00:31*	*1*
o-Terphenyl	*94*		*70 - 130*	*10/18/21 17:06*	*10/19/21 00:31*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: BH-153 (4)

Lab Sample ID: 890-1439-19
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 4

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.4		4.97		mg/Kg			10/19/21 22:36	1

Client Sample ID: BH-154 (4)

Lab Sample ID: 890-1439-20
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 21:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 21:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 21:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/18/21 09:47	10/18/21 21:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:47	10/18/21 21:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/18/21 09:47	10/18/21 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*10/18/21 09:47*	*10/18/21 21:36*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*10/18/21 09:47*	*10/18/21 21:36*	*1*

Method: 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			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:06	10/19/21 00:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/18/21 17:06	10/19/21 00:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/18/21 17:06	10/19/21 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*10/18/21 17:06*	*10/19/21 00:52*	*1*
o-Terphenyl	*92*		*70 - 130*	*10/18/21 17:06*	*10/19/21 00:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.6		4.99		mg/Kg			10/19/21 22:41	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: BH-155 (4)

Lab Sample ID: 890-1439-21
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:40	10/18/21 14:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:40	10/18/21 14:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:40	10/18/21 14:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/18/21 09:40	10/18/21 14:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:40	10/18/21 14:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/18/21 09:40	10/18/21 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*10/18/21 09:40*	*10/18/21 14:42*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*10/18/21 09:40*	*10/18/21 14:42*	*1*

Method: 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			10/20/21 20:18	1

Method: 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			10/20/21 13:58	1

Method: 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		10/18/21 17:14	10/18/21 23:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/18/21 17:14	10/18/21 23:35	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/18/21 17:14	10/18/21 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*10/18/21 17:14*	*10/18/21 23:35*	*1*
o-Terphenyl	*100*		*70 - 130*	*10/18/21 17:14*	*10/18/21 23:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**184**		4.99		mg/Kg			10/20/21 04:41	1

Client Sample ID: BH-156 (4)

Lab Sample ID: 890-1439-22
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/18/21 09:40	10/18/21 15:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/18/21 09:40	10/18/21 15:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/18/21 09:40	10/18/21 15:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/18/21 09:40	10/18/21 15:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/18/21 09:40	10/18/21 15:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/18/21 09:40	10/18/21 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*	*10/18/21 09:40*	*10/18/21 15:02*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: BH-156 (4)

Lab Sample ID: 890-1439-22
Matrix: Solid

Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 4

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/18/21 09:40*	*10/18/21 15:02*	*1*

Method: 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			10/20/21 20:18	1

Method: 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			10/20/21 14:09	1

Method: 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		10/18/21 17:14	10/19/21 00:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/18/21 17:14	10/19/21 00:35	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/18/21 17:14	10/19/21 00:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*10/18/21 17:14*	*10/19/21 00:35*	*1*
o-Terphenyl	*104*		*70 - 130*	*10/18/21 17:14*	*10/19/21 00:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.6**		4.98		mg/Kg			10/20/21 04:47	1

Client Sample ID: BH-151 (4)

Lab Sample ID: 890-1439-23
Matrix: Solid

Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:40	10/18/21 15:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:40	10/18/21 15:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:40	10/18/21 15:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/18/21 09:40	10/18/21 15:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:40	10/18/21 15:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/18/21 09:40	10/18/21 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*10/18/21 09:40*	*10/18/21 15:23*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*10/18/21 09:40*	*10/18/21 15:23*	*1*

Method: 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			10/20/21 20:18	1

Method: 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			10/20/21 14:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: BH-151 (4)

Lab Sample ID: 890-1439-23
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 4

Method: 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		10/18/21 17:14	10/19/21 00:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/18/21 17:14	10/19/21 00:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/18/21 17:14	10/19/21 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*10/18/21 17:14*	*10/19/21 00:55*	*1*
o-Terphenyl	*103*		*70 - 130*	*10/18/21 17:14*	*10/19/21 00:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.7**		4.95		mg/Kg			10/20/21 04:52	1

Client Sample ID: SW-65 (4)

Lab Sample ID: 890-1439-24
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:40	10/18/21 15:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:40	10/18/21 15:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:40	10/18/21 15:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/18/21 09:40	10/18/21 15:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:40	10/18/21 15:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/18/21 09:40	10/18/21 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*10/18/21 09:40*	*10/18/21 15:43*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*10/18/21 09:40*	*10/18/21 15:43*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/20/21 20:18	1

Method: 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			10/20/21 14:09	1

Method: 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		10/18/21 17:14	10/19/21 01:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/18/21 17:14	10/19/21 01:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/18/21 17:14	10/19/21 01:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*10/18/21 17:14*	*10/19/21 01:15*	*1*
o-Terphenyl	*104*		*70 - 130*	*10/18/21 17:14*	*10/19/21 01:15*	*1*

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: SW-65 (4)

Lab Sample ID: 890-1439-24
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 4

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	246		4.95		mg/Kg			10/20/21 04:58	1

Client Sample ID: SW-66 (4)

Lab Sample ID: 890-1439-25
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:40	10/18/21 16:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:40	10/18/21 16:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:40	10/18/21 16:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/18/21 09:40	10/18/21 16:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:40	10/18/21 16:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/18/21 09:40	10/18/21 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*10/18/21 09:40*	*10/18/21 16:04*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*10/18/21 09:40*	*10/18/21 16:04*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/20/21 20:18	1

Method: 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			10/20/21 14:09	1

Method: 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		10/18/21 17:14	10/19/21 01:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/18/21 17:14	10/19/21 01:35	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/18/21 17:14	10/19/21 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*10/18/21 17:14*	*10/19/21 01:35*	*1*
o-Terphenyl	*102*		*70 - 130*	*10/18/21 17:14*	*10/19/21 01:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	512		5.00		mg/Kg			10/20/21 05:04	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: SW-67 (4)

Lab Sample ID: 890-1439-26

Date Collected: 10/14/21 00:00
Matrix: Solid
Date Received: 10/15/21 10:39
Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:40	10/18/21 16:24	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:40	10/18/21 16:24	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:40	10/18/21 16:24	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/18/21 09:40	10/18/21 16:24	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/18/21 09:40	10/18/21 16:24	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/18/21 09:40	10/18/21 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*10/18/21 09:40*	*10/18/21 16:24*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/18/21 09:40*	*10/18/21 16:24*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/20/21 20:18	1

Method: 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			10/20/21 14:09	1

Method: 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		10/18/21 17:14	10/19/21 01:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/18/21 17:14	10/19/21 01:55	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/18/21 17:14	10/19/21 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*10/18/21 17:14*	*10/19/21 01:55*	*1*
o-Terphenyl	*102*		*70 - 130*	*10/18/21 17:14*	*10/19/21 01:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.3**		5.02		mg/Kg			10/20/21 05:09	1

Client Sample ID: SW-68 (4)

Lab Sample ID: 890-1439-27

Date Collected: 10/14/21 00:00
Matrix: Solid
Date Received: 10/15/21 10:39
Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:40	10/18/21 16:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:40	10/18/21 16:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:40	10/18/21 16:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/18/21 09:40	10/18/21 16:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/18/21 09:40	10/18/21 16:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/18/21 09:40	10/18/21 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*10/18/21 09:40*	*10/18/21 16:44*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: SW-68 (4)
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39
Sample Depth: 4

Lab Sample ID: 890-1439-27
Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/18/21 09:40*	*10/18/21 16:44*	*1*

Method: 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			10/20/21 20:18	1

Method: 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			10/20/21 14:09	1

Method: 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		10/18/21 17:14	10/19/21 02:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/18/21 17:14	10/19/21 02:15	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/18/21 17:14	10/19/21 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*10/18/21 17:14*	*10/19/21 02:15*	*1*
o-Terphenyl	*104*		*70 - 130*	*10/18/21 17:14*	*10/19/21 02:15*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.8**		5.05		mg/Kg			10/20/21 05:15	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-1439-1	T- 1 (0-1)	127	109
890-1439-1 MS	T- 1 (0-1)	113	101
890-1439-1 MSD	T- 1 (0-1)	105	104
890-1439-2	T-1 (1)	142 S1+	104
890-1439-3	T-1 (2)	124	72
890-1439-4	T-1 (3)	132 S1+	102
890-1439-5	T-1 (4)	140 S1+	105
890-1439-6	T-1 (5)	113	87
890-1439-7	T-2 (0-1)	109	88
890-1439-8	T-2 (1)	118	99
890-1439-9	T-2 (2)	121	92
890-1439-10	T-2 (3)	113	89
890-1439-11	T-2 (4)	120	94
890-1439-12	T-2 (5)	127	73
890-1439-13	T-3 (0-1)	136 S1+	71
890-1439-14	T-3 (1)	132 S1+	102
890-1439-15	T-3 (2)	110	101
890-1439-16	T-3 (3)	107	98
890-1439-17	T-3 (4)	115	107
890-1439-18	T-3 (5)	124	95
890-1439-19	BH-153 (4)	114	71
890-1439-20	BH-154 (4)	108	91
890-1439-21	BH-155 (4)	94	106
890-1439-22	BH-156 (4)	75	101
890-1439-23	BH-151 (4)	93	108
890-1439-24	SW-65 (4)	81	85
890-1439-25	SW-66 (4)	74	75
890-1439-26	SW-67 (4)	98	102
890-1439-27	SW-68 (4)	90	101
890-1441-A-1-A MS	Matrix Spike	92	104
890-1441-A-1-B MSD	Matrix Spike Duplicate	97	104
LCS 880-9635/1-A	Lab Control Sample	86	106
LCS 880-9636/1-A	Lab Control Sample	107	102
LCSD 880-9635/2-A	Lab Control Sample Dup	89	100
LCSD 880-9636/2-A	Lab Control Sample Dup	107	101
MB 880-9635/5-A	Method Blank	98	103
MB 880-9636/5-A	Method Blank	112	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-1439-1	T- 1 (0-1)	101	103
890-1439-1 MS	T- 1 (0-1)	102	98

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1439-1
Project/Site: Fox 30 SDG: Lea County NM

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
890-1439-1 MSD	T- 1 (0-1)	109	103								
890-1439-2	T-1 (1)	93	100								
890-1439-3	T-1 (2)	101	112								
890-1439-4	T-1 (3)	99	109								
890-1439-5	T-1 (4)	90	97								
890-1439-6	T-1 (5)	108	117								
890-1439-7	T-2 (0-1)	89	95								
890-1439-8	T-2 (1)	99	107								
890-1439-9	T-2 (2)	95	102								
890-1439-10	T-2 (3)	95	102								
890-1439-11	T-2 (4)	100	111								
890-1439-12	T-2 (5)	81	96								
890-1439-13	T-3 (0-1)	80	87								
890-1439-14	T-3 (1)	84	95								
890-1439-15	T-3 (2)	81	90								
890-1439-16	T-3 (3)	83	95								
890-1439-17	T-3 (4)	84	95								
890-1439-18	T-3 (5)	81	91								
890-1439-19	BH-153 (4)	81	94								
890-1439-20	BH-154 (4)	80	92								
890-1439-21	BH-155 (4)	91	100								
890-1439-21 MS	BH-155 (4)	104	103								
890-1439-21 MSD	BH-155 (4)	104	102								
890-1439-22	BH-156 (4)	93	104								
890-1439-23	BH-151 (4)	93	103								
890-1439-24	SW-65 (4)	93	104								
890-1439-25	SW-66 (4)	93	102								
890-1439-26	SW-67 (4)	92	102								
890-1439-27	SW-68 (4)	94	104								
LCS 880-9817/2-A	Lab Control Sample	94	93								
LCS 880-9818/2-A	Lab Control Sample	87	89								
LCSD 880-9817/3-A	Lab Control Sample Dup	95	95								
LCSD 880-9818/3-A	Lab Control Sample Dup	96	97								
MB 880-9817/1-A	Method Blank	119	131 S1+								
MB 880-9818/1-A	Method Blank	106	124								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-9635/5-A
Matrix: Solid
Analysis Batch: 9649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9635

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:40	10/18/21 13:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:40	10/18/21 13:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:40	10/18/21 13:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/18/21 09:40	10/18/21 13:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:40	10/18/21 13:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/18/21 09:40	10/18/21 13:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*10/18/21 09:40*	*10/18/21 13:12*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*10/18/21 09:40*	*10/18/21 13:12*	*1*

Lab Sample ID: LCS 880-9635/1-A
Matrix: Solid
Analysis Batch: 9649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9635

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.1189		mg/Kg		119	70 - 130		
Toluene			0.100	0.1162		mg/Kg		116	70 - 130		
Ethylbenzene			0.100	0.1228		mg/Kg		123	70 - 130		
m-Xylene & p-Xylene			0.200	0.2360		mg/Kg		118	70 - 130		
o-Xylene			0.100	0.1224		mg/Kg		122	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-9635/2-A
Matrix: Solid
Analysis Batch: 9649

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 9635

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.1163		mg/Kg		116	70 - 130	2	35
Toluene			0.100	0.1236		mg/Kg		124	70 - 130	6	35
Ethylbenzene			0.100	0.1273		mg/Kg		127	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.2468		mg/Kg		123	70 - 130	4	35
o-Xylene			0.100	0.1278		mg/Kg		128	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 890-1441-A-1-A MS
Matrix: Solid
Analysis Batch: 9649

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 9635

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00201	U	0.101	0.1053		mg/Kg		104	70 - 130		
Toluene	<0.00201	U	0.101	0.1095		mg/Kg		108	70 - 130		

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

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

Lab Sample ID: 890-1441-A-1-A MS
Matrix: Solid
Analysis Batch: 9649

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 9635

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00201	U	0.101	0.1121		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.202	0.2196		mg/Kg		109	70 - 130
o-Xylene	<0.00201	U	0.101	0.1146		mg/Kg		113	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 890-1441-A-1-B MSD
Matrix: Solid
Analysis Batch: 9649

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 9635

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.1035		mg/Kg		103	70 - 130	2	35
Toluene	<0.00201	U	0.100	0.1053		mg/Kg		105	70 - 130	4	35
Ethylbenzene	<0.00201	U	0.100	0.1129		mg/Kg		113	70 - 130	1	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2168		mg/Kg		108	70 - 130	1	35
o-Xylene	<0.00201	U	0.100	0.1109		mg/Kg		110	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 880-9636/5-A
Matrix: Solid
Analysis Batch: 9656

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 13:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 13:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 13:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/18/21 09:47	10/18/21 13:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/18/21 09:47	10/18/21 13:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/18/21 09:47	10/18/21 13:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/18/21 09:47*	*10/18/21 13:46*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*10/18/21 09:47*	*10/18/21 13:46*	*1*

Lab Sample ID: LCS 880-9636/1-A
Matrix: Solid
Analysis Batch: 9656

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9636

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09562		mg/Kg		96	70 - 130
Toluene	0.100	0.09467		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09449		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1987		mg/Kg		99	70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-9636/1-A
Matrix: Solid
Analysis Batch: 9656

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9636

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			0.100	0.09946		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-9636/2-A
Matrix: Solid
Analysis Batch: 9656

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 9636

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09711		mg/Kg		97	70 - 130	2	35
Toluene			0.100	0.09531		mg/Kg		95	70 - 130	1	35
Ethylbenzene			0.100	0.09432		mg/Kg		94	70 - 130	0	35
m-Xylene & p-Xylene			0.200	0.1996		mg/Kg		100	70 - 130	0	35
o-Xylene			0.100	0.09893		mg/Kg		99	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-1439-1 MS
Matrix: Solid
Analysis Batch: 9656

Client Sample ID: T- 1 (0-1)
Prep Type: Total/NA
Prep Batch: 9636

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.100	0.08454		mg/Kg		84	70 - 130
Toluene	<0.00199	U	0.100	0.08349		mg/Kg		83	70 - 130
Ethylbenzene	<0.00199	U	0.100	0.08186		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.201	0.1740		mg/Kg		87	70 - 130
o-Xylene	<0.00199	U	0.100	0.08705		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-1439-1 MSD
Matrix: Solid
Analysis Batch: 9656

Client Sample ID: T- 1 (0-1)
Prep Type: Total/NA
Prep Batch: 9636

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.08718		mg/Kg		87	70 - 130	3	35
Toluene	<0.00199	U	0.100	0.08149		mg/Kg		81	70 - 130	2	35
Ethylbenzene	<0.00199	U	0.100	0.07737		mg/Kg		77	70 - 130	6	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1603		mg/Kg		80	70 - 130	8	35
o-Xylene	<0.00199	U	0.100	0.07960		mg/Kg		80	70 - 130	9	35

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

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

Lab Sample ID: 890-1439-1 MSD
Matrix: Solid
Analysis Batch: 9656

Client Sample ID: T- 1 (0-1)
Prep Type: Total/NA
Prep Batch: 9636

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

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

Lab Sample ID: MB 880-9817/1-A
Matrix: Solid
Analysis Batch: 9623

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9817

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		10/18/21 17:06	10/18/21 19:36	1
Diesel Range Organics (Over C10-C28)	133.5		50.0		mg/Kg		10/18/21 17:06	10/18/21 19:36	1
OII Range Organics (Over C28-C36)	113.2		50.0		mg/Kg		10/18/21 17:06	10/18/21 19:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	10/18/21 17:06	10/18/21 19:36	1
o-Terphenyl	131	S1+	70 - 130	10/18/21 17:06	10/18/21 19:36	1

Lab Sample ID: LCS 880-9817/2-A
Matrix: Solid
Analysis Batch: 9623

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9817

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	822.8		mg/Kg		82	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	961.2		mg/Kg		96	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: LCSD 880-9817/3-A
Matrix: Solid
Analysis Batch: 9623

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 9817

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	829.4		mg/Kg		83	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	950.3		mg/Kg		95	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	95		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

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

Lab Sample ID: 890-1439-1 MS
Matrix: Solid
Analysis Batch: 9623

Client Sample ID: T- 1 (0-1)
Prep Type: Total/NA
Prep Batch: 9817

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	870.8		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1023		mg/Kg		98	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*102*		*70 - 130*
o-Terphenyl	*98*		*70 - 130*

Lab Sample ID: 890-1439-1 MSD
Matrix: Solid
Analysis Batch: 9623

Client Sample ID: T- 1 (0-1)
Prep Type: Total/NA
Prep Batch: 9817

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1014		mg/Kg		99	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1103		mg/Kg		106	70 - 130	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*109*		*70 - 130*
o-Terphenyl	*103*		*70 - 130*

Lab Sample ID: MB 880-9818/1-A
Matrix: Solid
Analysis Batch: 9617

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9818

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		10/18/21 17:14	10/18/21 22:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/18/21 17:14	10/18/21 22:35	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/18/21 17:14	10/18/21 22:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*10/18/21 17:14*	*10/18/21 22:35*	*1*
o-Terphenyl	*124*		*70 - 130*	*10/18/21 17:14*	*10/18/21 22:35*	*1*

Lab Sample ID: LCS 880-9818/2-A
Matrix: Solid
Analysis Batch: 9617

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9818

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	958.6		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	837.9		mg/Kg		84	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-9818/2-A
Matrix: Solid
Analysis Batch: 9617

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9818

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: LCSD 880-9818/3-A
Matrix: Solid
Analysis Batch: 9617

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 9818

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1067		mg/Kg		107	70 - 130	11	20
Diesel Range Organics (Over C10-C28)			1000	868.5		mg/Kg		87	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	97		70 - 130

Lab Sample ID: 890-1439-21 MS
Matrix: Solid
Analysis Batch: 9617

Client Sample ID: BH-155 (4)
Prep Type: Total/NA
Prep Batch: 9818

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1149		mg/Kg		115	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	992.3		mg/Kg		99	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: 890-1439-21 MSD
Matrix: Solid
Analysis Batch: 9617

Client Sample ID: BH-155 (4)
Prep Type: Total/NA
Prep Batch: 9818

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1166		mg/Kg		117	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	988.2		mg/Kg		99	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	102		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-9770/1-A
Matrix: Solid
Analysis Batch: 9907

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			10/19/21 19:53	1

Lab Sample ID: LCS 880-9770/2-A
Matrix: Solid
Analysis Batch: 9907

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	249.8		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-9770/3-A
Matrix: Solid
Analysis Batch: 9907

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	250.3		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-1439-1 MS
Matrix: Solid
Analysis Batch: 9907

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	9.42		248	251.6		mg/Kg		98	90 - 110		

Lab Sample ID: 890-1439-1 MSD
Matrix: Solid
Analysis Batch: 9907

Client Sample ID: T- 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	9.42		248	251.4		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-1439-11 MS
Matrix: Solid
Analysis Batch: 9907

Client Sample ID: T-2 (4)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	216		251	465.0		mg/Kg		99	90 - 110		

Lab Sample ID: 890-1439-11 MSD
Matrix: Solid
Analysis Batch: 9907

Client Sample ID: T-2 (4)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	216		251	465.4		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-9724/1-A
Matrix: Solid
Analysis Batch: 9925

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			10/20/21 02:26	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-9724/2-A
Matrix: Solid
Analysis Batch: 9925

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	251.8		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-9724/3-A
Matrix: Solid
Analysis Batch: 9925

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	252.4		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-7346-A-2-C MS
Matrix: Solid
Analysis Batch: 9925

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	1600		1240	2912		mg/Kg		106	90 - 110		

Lab Sample ID: 880-7346-A-2-D MSD
Matrix: Solid
Analysis Batch: 9925

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1600		1240	2913		mg/Kg		106	90 - 110	0	20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

GC VOA

Prep Batch: 9635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-21	BH-155 (4)	Total/NA	Solid	5035	
890-1439-22	BH-156 (4)	Total/NA	Solid	5035	
890-1439-23	BH-151 (4)	Total/NA	Solid	5035	
890-1439-24	SW-65 (4)	Total/NA	Solid	5035	
890-1439-25	SW-66 (4)	Total/NA	Solid	5035	
890-1439-26	SW-67 (4)	Total/NA	Solid	5035	
890-1439-27	SW-68 (4)	Total/NA	Solid	5035	
MB 880-9635/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-9635/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-9635/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1441-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-1441-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 9636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-1	T- 1 (0-1)	Total/NA	Solid	5035	
890-1439-2	T-1 (1)	Total/NA	Solid	5035	
890-1439-3	T-1 (2)	Total/NA	Solid	5035	
890-1439-4	T-1 (3)	Total/NA	Solid	5035	
890-1439-5	T-1 (4)	Total/NA	Solid	5035	
890-1439-6	T-1 (5)	Total/NA	Solid	5035	
890-1439-7	T-2 (0-1)	Total/NA	Solid	5035	
890-1439-8	T-2 (1)	Total/NA	Solid	5035	
890-1439-9	T-2 (2)	Total/NA	Solid	5035	
890-1439-10	T-2 (3)	Total/NA	Solid	5035	
890-1439-11	T-2 (4)	Total/NA	Solid	5035	
890-1439-12	T-2 (5)	Total/NA	Solid	5035	
890-1439-13	T-3 (0-1)	Total/NA	Solid	5035	
890-1439-14	T-3 (1)	Total/NA	Solid	5035	
890-1439-15	T-3 (2)	Total/NA	Solid	5035	
890-1439-16	T-3 (3)	Total/NA	Solid	5035	
890-1439-17	T-3 (4)	Total/NA	Solid	5035	
890-1439-18	T-3 (5)	Total/NA	Solid	5035	
890-1439-19	BH-153 (4)	Total/NA	Solid	5035	
890-1439-20	BH-154 (4)	Total/NA	Solid	5035	
MB 880-9636/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-9636/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-9636/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1439-1 MS	T- 1 (0-1)	Total/NA	Solid	5035	
890-1439-1 MSD	T- 1 (0-1)	Total/NA	Solid	5035	

Analysis Batch: 9649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-21	BH-155 (4)	Total/NA	Solid	8021B	9635
890-1439-22	BH-156 (4)	Total/NA	Solid	8021B	9635
890-1439-23	BH-151 (4)	Total/NA	Solid	8021B	9635
890-1439-24	SW-65 (4)	Total/NA	Solid	8021B	9635
890-1439-25	SW-66 (4)	Total/NA	Solid	8021B	9635
890-1439-26	SW-67 (4)	Total/NA	Solid	8021B	9635
890-1439-27	SW-68 (4)	Total/NA	Solid	8021B	9635
MB 880-9635/5-A	Method Blank	Total/NA	Solid	8021B	9635

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 9649 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-9635/1-A	Lab Control Sample	Total/NA	Solid	8021B	9635
LCSD 880-9635/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	9635
890-1441-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	9635
890-1441-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	9635

Analysis Batch: 9656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-1	T- 1 (0-1)	Total/NA	Solid	8021B	9636
890-1439-2	T-1 (1)	Total/NA	Solid	8021B	9636
890-1439-3	T-1 (2)	Total/NA	Solid	8021B	9636
890-1439-4	T-1 (3)	Total/NA	Solid	8021B	9636
890-1439-5	T-1 (4)	Total/NA	Solid	8021B	9636
890-1439-6	T-1 (5)	Total/NA	Solid	8021B	9636
890-1439-7	T-2 (0-1)	Total/NA	Solid	8021B	9636
890-1439-8	T-2 (1)	Total/NA	Solid	8021B	9636
890-1439-9	T-2 (2)	Total/NA	Solid	8021B	9636
890-1439-10	T-2 (3)	Total/NA	Solid	8021B	9636
890-1439-11	T-2 (4)	Total/NA	Solid	8021B	9636
890-1439-12	T-2 (5)	Total/NA	Solid	8021B	9636
890-1439-13	T-3 (0-1)	Total/NA	Solid	8021B	9636
890-1439-14	T-3 (1)	Total/NA	Solid	8021B	9636
890-1439-15	T-3 (2)	Total/NA	Solid	8021B	9636
890-1439-16	T-3 (3)	Total/NA	Solid	8021B	9636
890-1439-17	T-3 (4)	Total/NA	Solid	8021B	9636
890-1439-18	T-3 (5)	Total/NA	Solid	8021B	9636
890-1439-19	BH-153 (4)	Total/NA	Solid	8021B	9636
890-1439-20	BH-154 (4)	Total/NA	Solid	8021B	9636
MB 880-9636/5-A	Method Blank	Total/NA	Solid	8021B	9636
LCS 880-9636/1-A	Lab Control Sample	Total/NA	Solid	8021B	9636
LCSD 880-9636/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	9636
890-1439-1 MS	T- 1 (0-1)	Total/NA	Solid	8021B	9636
890-1439-1 MSD	T- 1 (0-1)	Total/NA	Solid	8021B	9636

Analysis Batch: 10032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-1	T- 1 (0-1)	Total/NA	Solid	Total BTEX	
890-1439-2	T-1 (1)	Total/NA	Solid	Total BTEX	
890-1439-3	T-1 (2)	Total/NA	Solid	Total BTEX	
890-1439-4	T-1 (3)	Total/NA	Solid	Total BTEX	
890-1439-5	T-1 (4)	Total/NA	Solid	Total BTEX	
890-1439-6	T-1 (5)	Total/NA	Solid	Total BTEX	
890-1439-7	T-2 (0-1)	Total/NA	Solid	Total BTEX	
890-1439-8	T-2 (1)	Total/NA	Solid	Total BTEX	
890-1439-9	T-2 (2)	Total/NA	Solid	Total BTEX	
890-1439-10	T-2 (3)	Total/NA	Solid	Total BTEX	
890-1439-11	T-2 (4)	Total/NA	Solid	Total BTEX	
890-1439-12	T-2 (5)	Total/NA	Solid	Total BTEX	
890-1439-13	T-3 (0-1)	Total/NA	Solid	Total BTEX	
890-1439-14	T-3 (1)	Total/NA	Solid	Total BTEX	
890-1439-15	T-3 (2)	Total/NA	Solid	Total BTEX	
890-1439-16	T-3 (3)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 10032 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-17	T-3 (4)	Total/NA	Solid	Total BTEX	
890-1439-18	T-3 (5)	Total/NA	Solid	Total BTEX	
890-1439-19	BH-153 (4)	Total/NA	Solid	Total BTEX	
890-1439-20	BH-154 (4)	Total/NA	Solid	Total BTEX	
890-1439-21	BH-155 (4)	Total/NA	Solid	Total BTEX	
890-1439-22	BH-156 (4)	Total/NA	Solid	Total BTEX	
890-1439-23	BH-151 (4)	Total/NA	Solid	Total BTEX	
890-1439-24	SW-65 (4)	Total/NA	Solid	Total BTEX	
890-1439-25	SW-66 (4)	Total/NA	Solid	Total BTEX	
890-1439-26	SW-67 (4)	Total/NA	Solid	Total BTEX	
890-1439-27	SW-68 (4)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 9617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-21	BH-155 (4)	Total/NA	Solid	8015B NM	9818
890-1439-22	BH-156 (4)	Total/NA	Solid	8015B NM	9818
890-1439-23	BH-151 (4)	Total/NA	Solid	8015B NM	9818
890-1439-24	SW-65 (4)	Total/NA	Solid	8015B NM	9818
890-1439-25	SW-66 (4)	Total/NA	Solid	8015B NM	9818
890-1439-26	SW-67 (4)	Total/NA	Solid	8015B NM	9818
890-1439-27	SW-68 (4)	Total/NA	Solid	8015B NM	9818
MB 880-9818/1-A	Method Blank	Total/NA	Solid	8015B NM	9818
LCS 880-9818/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	9818
LCSD 880-9818/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	9818
890-1439-21 MS	BH-155 (4)	Total/NA	Solid	8015B NM	9818
890-1439-21 MSD	BH-155 (4)	Total/NA	Solid	8015B NM	9818

Analysis Batch: 9621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-12	T-2 (5)	Total/NA	Solid	8015B NM	9817
890-1439-13	T-3 (0-1)	Total/NA	Solid	8015B NM	9817
890-1439-14	T-3 (1)	Total/NA	Solid	8015B NM	9817
890-1439-15	T-3 (2)	Total/NA	Solid	8015B NM	9817
890-1439-16	T-3 (3)	Total/NA	Solid	8015B NM	9817
890-1439-17	T-3 (4)	Total/NA	Solid	8015B NM	9817
890-1439-18	T-3 (5)	Total/NA	Solid	8015B NM	9817
890-1439-19	BH-153 (4)	Total/NA	Solid	8015B NM	9817
890-1439-20	BH-154 (4)	Total/NA	Solid	8015B NM	9817

Analysis Batch: 9623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-1	T- 1 (0-1)	Total/NA	Solid	8015B NM	9817
890-1439-2	T-1 (1)	Total/NA	Solid	8015B NM	9817
890-1439-3	T-1 (2)	Total/NA	Solid	8015B NM	9817
890-1439-4	T-1 (3)	Total/NA	Solid	8015B NM	9817
890-1439-5	T-1 (4)	Total/NA	Solid	8015B NM	9817
890-1439-6	T-1 (5)	Total/NA	Solid	8015B NM	9817
890-1439-7	T-2 (0-1)	Total/NA	Solid	8015B NM	9817
890-1439-8	T-2 (1)	Total/NA	Solid	8015B NM	9817

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 9623 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-9	T-2 (2)	Total/NA	Solid	8015B NM	9817
890-1439-10	T-2 (3)	Total/NA	Solid	8015B NM	9817
890-1439-11	T-2 (4)	Total/NA	Solid	8015B NM	9817
MB 880-9817/1-A	Method Blank	Total/NA	Solid	8015B NM	9817
LCS 880-9817/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	9817
LCSD 880-9817/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	9817
890-1439-1 MS	T- 1 (0-1)	Total/NA	Solid	8015B NM	9817
890-1439-1 MSD	T- 1 (0-1)	Total/NA	Solid	8015B NM	9817

Prep Batch: 9817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-1	T- 1 (0-1)	Total/NA	Solid	8015NM Prep	
890-1439-2	T-1 (1)	Total/NA	Solid	8015NM Prep	
890-1439-3	T-1 (2)	Total/NA	Solid	8015NM Prep	
890-1439-4	T-1 (3)	Total/NA	Solid	8015NM Prep	
890-1439-5	T-1 (4)	Total/NA	Solid	8015NM Prep	
890-1439-6	T-1 (5)	Total/NA	Solid	8015NM Prep	
890-1439-7	T-2 (0-1)	Total/NA	Solid	8015NM Prep	
890-1439-8	T-2 (1)	Total/NA	Solid	8015NM Prep	
890-1439-9	T-2 (2)	Total/NA	Solid	8015NM Prep	
890-1439-10	T-2 (3)	Total/NA	Solid	8015NM Prep	
890-1439-11	T-2 (4)	Total/NA	Solid	8015NM Prep	
890-1439-12	T-2 (5)	Total/NA	Solid	8015NM Prep	
890-1439-13	T-3 (0-1)	Total/NA	Solid	8015NM Prep	
890-1439-14	T-3 (1)	Total/NA	Solid	8015NM Prep	
890-1439-15	T-3 (2)	Total/NA	Solid	8015NM Prep	
890-1439-16	T-3 (3)	Total/NA	Solid	8015NM Prep	
890-1439-17	T-3 (4)	Total/NA	Solid	8015NM Prep	
890-1439-18	T-3 (5)	Total/NA	Solid	8015NM Prep	
890-1439-19	BH-153 (4)	Total/NA	Solid	8015NM Prep	
890-1439-20	BH-154 (4)	Total/NA	Solid	8015NM Prep	
MB 880-9817/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-9817/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-9817/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1439-1 MS	T- 1 (0-1)	Total/NA	Solid	8015NM Prep	
890-1439-1 MSD	T- 1 (0-1)	Total/NA	Solid	8015NM Prep	

Prep Batch: 9818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-21	BH-155 (4)	Total/NA	Solid	8015NM Prep	
890-1439-22	BH-156 (4)	Total/NA	Solid	8015NM Prep	
890-1439-23	BH-151 (4)	Total/NA	Solid	8015NM Prep	
890-1439-24	SW-65 (4)	Total/NA	Solid	8015NM Prep	
890-1439-25	SW-66 (4)	Total/NA	Solid	8015NM Prep	
890-1439-26	SW-67 (4)	Total/NA	Solid	8015NM Prep	
890-1439-27	SW-68 (4)	Total/NA	Solid	8015NM Prep	
MB 880-9818/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-9818/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-9818/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1439-21 MS	BH-155 (4)	Total/NA	Solid	8015NM Prep	
890-1439-21 MSD	BH-155 (4)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

GC Semi VOA

Analysis Batch: 10003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-1	T- 1 (0-1)	Total/NA	Solid	8015 NM	
890-1439-2	T-1 (1)	Total/NA	Solid	8015 NM	
890-1439-3	T-1 (2)	Total/NA	Solid	8015 NM	
890-1439-4	T-1 (3)	Total/NA	Solid	8015 NM	
890-1439-5	T-1 (4)	Total/NA	Solid	8015 NM	
890-1439-6	T-1 (5)	Total/NA	Solid	8015 NM	
890-1439-7	T-2 (0-1)	Total/NA	Solid	8015 NM	
890-1439-8	T-2 (1)	Total/NA	Solid	8015 NM	
890-1439-9	T-2 (2)	Total/NA	Solid	8015 NM	
890-1439-10	T-2 (3)	Total/NA	Solid	8015 NM	
890-1439-11	T-2 (4)	Total/NA	Solid	8015 NM	
890-1439-12	T-2 (5)	Total/NA	Solid	8015 NM	
890-1439-13	T-3 (0-1)	Total/NA	Solid	8015 NM	
890-1439-14	T-3 (1)	Total/NA	Solid	8015 NM	
890-1439-15	T-3 (2)	Total/NA	Solid	8015 NM	
890-1439-16	T-3 (3)	Total/NA	Solid	8015 NM	
890-1439-17	T-3 (4)	Total/NA	Solid	8015 NM	
890-1439-18	T-3 (5)	Total/NA	Solid	8015 NM	
890-1439-19	BH-153 (4)	Total/NA	Solid	8015 NM	
890-1439-20	BH-154 (4)	Total/NA	Solid	8015 NM	
890-1439-21	BH-155 (4)	Total/NA	Solid	8015 NM	
890-1439-22	BH-156 (4)	Total/NA	Solid	8015 NM	
890-1439-23	BH-151 (4)	Total/NA	Solid	8015 NM	
890-1439-24	SW-65 (4)	Total/NA	Solid	8015 NM	
890-1439-25	SW-66 (4)	Total/NA	Solid	8015 NM	
890-1439-26	SW-67 (4)	Total/NA	Solid	8015 NM	
890-1439-27	SW-68 (4)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 9724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-21	BH-155 (4)	Soluble	Solid	DI Leach	
890-1439-22	BH-156 (4)	Soluble	Solid	DI Leach	
890-1439-23	BH-151 (4)	Soluble	Solid	DI Leach	
890-1439-24	SW-65 (4)	Soluble	Solid	DI Leach	
890-1439-25	SW-66 (4)	Soluble	Solid	DI Leach	
890-1439-26	SW-67 (4)	Soluble	Solid	DI Leach	
890-1439-27	SW-68 (4)	Soluble	Solid	DI Leach	
MB 880-9724/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-9724/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-9724/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-7346-A-2-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-7346-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 9770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-1	T- 1 (0-1)	Soluble	Solid	DI Leach	
890-1439-2	T-1 (1)	Soluble	Solid	DI Leach	
890-1439-3	T-1 (2)	Soluble	Solid	DI Leach	
890-1439-4	T-1 (3)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 9770 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-5	T-1 (4)	Soluble	Solid	DI Leach	
890-1439-6	T-1 (5)	Soluble	Solid	DI Leach	
890-1439-7	T-2 (0-1)	Soluble	Solid	DI Leach	
890-1439-8	T-2 (1)	Soluble	Solid	DI Leach	
890-1439-9	T-2 (2)	Soluble	Solid	DI Leach	
890-1439-10	T-2 (3)	Soluble	Solid	DI Leach	
890-1439-11	T-2 (4)	Soluble	Solid	DI Leach	
890-1439-12	T-2 (5)	Soluble	Solid	DI Leach	
890-1439-13	T-3 (0-1)	Soluble	Solid	DI Leach	
890-1439-14	T-3 (1)	Soluble	Solid	DI Leach	
890-1439-15	T-3 (2)	Soluble	Solid	DI Leach	
890-1439-16	T-3 (3)	Soluble	Solid	DI Leach	
890-1439-17	T-3 (4)	Soluble	Solid	DI Leach	
890-1439-18	T-3 (5)	Soluble	Solid	DI Leach	
890-1439-19	BH-153 (4)	Soluble	Solid	DI Leach	
890-1439-20	BH-154 (4)	Soluble	Solid	DI Leach	
MB 880-9770/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-9770/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-9770/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1439-1 MS	T- 1 (0-1)	Soluble	Solid	DI Leach	
890-1439-1 MSD	T- 1 (0-1)	Soluble	Solid	DI Leach	
890-1439-11 MS	T-2 (4)	Soluble	Solid	DI Leach	
890-1439-11 MSD	T-2 (4)	Soluble	Solid	DI Leach	

Analysis Batch: 9907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-1	T- 1 (0-1)	Soluble	Solid	300.0	9770
890-1439-2	T-1 (1)	Soluble	Solid	300.0	9770
890-1439-3	T-1 (2)	Soluble	Solid	300.0	9770
890-1439-4	T-1 (3)	Soluble	Solid	300.0	9770
890-1439-5	T-1 (4)	Soluble	Solid	300.0	9770
890-1439-6	T-1 (5)	Soluble	Solid	300.0	9770
890-1439-7	T-2 (0-1)	Soluble	Solid	300.0	9770
890-1439-8	T-2 (1)	Soluble	Solid	300.0	9770
890-1439-9	T-2 (2)	Soluble	Solid	300.0	9770
890-1439-10	T-2 (3)	Soluble	Solid	300.0	9770
890-1439-11	T-2 (4)	Soluble	Solid	300.0	9770
890-1439-12	T-2 (5)	Soluble	Solid	300.0	9770
890-1439-13	T-3 (0-1)	Soluble	Solid	300.0	9770
890-1439-14	T-3 (1)	Soluble	Solid	300.0	9770
890-1439-15	T-3 (2)	Soluble	Solid	300.0	9770
890-1439-16	T-3 (3)	Soluble	Solid	300.0	9770
890-1439-17	T-3 (4)	Soluble	Solid	300.0	9770
890-1439-18	T-3 (5)	Soluble	Solid	300.0	9770
890-1439-19	BH-153 (4)	Soluble	Solid	300.0	9770
890-1439-20	BH-154 (4)	Soluble	Solid	300.0	9770
MB 880-9770/1-A	Method Blank	Soluble	Solid	300.0	9770
LCS 880-9770/2-A	Lab Control Sample	Soluble	Solid	300.0	9770
LCSD 880-9770/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	9770
890-1439-1 MS	T- 1 (0-1)	Soluble	Solid	300.0	9770
890-1439-1 MSD	T- 1 (0-1)	Soluble	Solid	300.0	9770

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 9907 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-11 MS	T-2 (4)	Soluble	Solid	300.0	9770
890-1439-11 MSD	T-2 (4)	Soluble	Solid	300.0	9770

Analysis Batch: 9925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1439-21	BH-155 (4)	Soluble	Solid	300.0	9724
890-1439-22	BH-156 (4)	Soluble	Solid	300.0	9724
890-1439-23	BH-151 (4)	Soluble	Solid	300.0	9724
890-1439-24	SW-65 (4)	Soluble	Solid	300.0	9724
890-1439-25	SW-66 (4)	Soluble	Solid	300.0	9724
890-1439-26	SW-67 (4)	Soluble	Solid	300.0	9724
890-1439-27	SW-68 (4)	Soluble	Solid	300.0	9724
MB 880-9724/1-A	Method Blank	Soluble	Solid	300.0	9724
LCS 880-9724/2-A	Lab Control Sample	Soluble	Solid	300.0	9724
LCSD 880-9724/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	9724
880-7346-A-2-C MS	Matrix Spike	Soluble	Solid	300.0	9724
880-7346-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	9724

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

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

Lab Sample ID: 890-1439-1
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 14:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9623	10/18/21 20:40	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 20:10	CH	XEN MID

Client Sample ID: T-1 (1)

Lab Sample ID: 890-1439-2
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 14:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9623	10/18/21 22:04	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 21:17	CH	XEN MID

Client Sample ID: T-1 (2)

Lab Sample ID: 890-1439-3
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 14:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9623	10/18/21 22:25	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 20:27	CH	XEN MID

Client Sample ID: T-1 (3)

Lab Sample ID: 890-1439-4
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 15:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-1 (3)
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Lab Sample ID: 890-1439-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9623	10/18/21 22:46	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 20:32	CH	XEN MID

Client Sample ID: T-1 (4)
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Lab Sample ID: 890-1439-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 15:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9623	10/18/21 23:07	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 20:38	CH	XEN MID

Client Sample ID: T-1 (5)
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Lab Sample ID: 890-1439-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 15:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9623	10/18/21 23:28	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 20:44	CH	XEN MID

Client Sample ID: T-2 (0-1)
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Lab Sample ID: 890-1439-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 16:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9623	10/18/21 23:49	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-2 (0-1)

Lab Sample ID: 890-1439-7
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 21:00	CH	XEN MID

Client Sample ID: T-2 (1)

Lab Sample ID: 890-1439-8
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 16:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9623	10/19/21 00:10	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 21:06	CH	XEN MID

Client Sample ID: T-2 (2)

Lab Sample ID: 890-1439-9
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 16:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9623	10/19/21 00:31	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 21:12	CH	XEN MID

Client Sample ID: T-2 (3)

Lab Sample ID: 890-1439-10
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 17:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9623	10/19/21 00:52	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 21:23	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-2 (4)

Lab Sample ID: 890-1439-11
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 18:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9623	10/19/21 01:13	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 21:28	CH	XEN MID

Client Sample ID: T-2 (5)

Lab Sample ID: 890-1439-12
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 18:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9621	10/18/21 22:04	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 21:45	CH	XEN MID

Client Sample ID: T-3 (0-1)

Lab Sample ID: 890-1439-13
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 19:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9621	10/18/21 22:25	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 21:51	CH	XEN MID

Client Sample ID: T-3 (1)

Lab Sample ID: 890-1439-14
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 19:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-3 (1)

Lab Sample ID: 890-1439-14
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9621	10/18/21 22:46	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 22:08	CH	XEN MID

Client Sample ID: T-3 (2)

Lab Sample ID: 890-1439-15
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 19:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9621	10/18/21 23:07	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 22:13	CH	XEN MID

Client Sample ID: T-3 (3)

Lab Sample ID: 890-1439-16
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 20:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9621	10/18/21 23:28	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 22:19	CH	XEN MID

Client Sample ID: T-3 (4)

Lab Sample ID: 890-1439-17
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 20:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9621	10/18/21 23:49	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: T-3 (4)

Lab Sample ID: 890-1439-17
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 22:25	CH	XEN MID

Client Sample ID: T-3 (5)

Lab Sample ID: 890-1439-18
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 20:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9621	10/19/21 00:10	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 22:30	CH	XEN MID

Client Sample ID: BH-153 (4)

Lab Sample ID: 890-1439-19
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 21:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9621	10/19/21 00:31	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 22:36	CH	XEN MID

Client Sample ID: BH-154 (4)

Lab Sample ID: 890-1439-20
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9636	10/18/21 09:47	KL	XEN MID
Total/NA	Analysis	8021B		1	9656	10/18/21 21:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9817	10/18/21 17:06	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9621	10/19/21 00:52	AJ	XEN MID
Soluble	Leach	DI Leach			9770	10/18/21 14:30	CA	XEN MID
Soluble	Analysis	300.0		1	9907	10/19/21 22:41	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: BH-155 (4)

Lab Sample ID: 890-1439-21
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9635	10/18/21 09:40	KL	XEN MID
Total/NA	Analysis	8021B		1	9649	10/18/21 14:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9818	10/18/21 17:14	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9617	10/18/21 23:35	AJ	XEN MID
Soluble	Leach	DI Leach			9724	10/19/21 13:56	CA	XEN MID
Soluble	Analysis	300.0		1	9925	10/20/21 04:41	CH	XEN MID

Client Sample ID: BH-156 (4)

Lab Sample ID: 890-1439-22
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9635	10/18/21 09:40	KL	XEN MID
Total/NA	Analysis	8021B		1	9649	10/18/21 15:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 14:09	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9818	10/18/21 17:14	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9617	10/19/21 00:35	AJ	XEN MID
Soluble	Leach	DI Leach			9724	10/19/21 13:56	CA	XEN MID
Soluble	Analysis	300.0		1	9925	10/20/21 04:47	CH	XEN MID

Client Sample ID: BH-151 (4)

Lab Sample ID: 890-1439-23
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9635	10/18/21 09:40	KL	XEN MID
Total/NA	Analysis	8021B		1	9649	10/18/21 15:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 14:09	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9818	10/18/21 17:14	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9617	10/19/21 00:55	AJ	XEN MID
Soluble	Leach	DI Leach			9724	10/19/21 13:56	CA	XEN MID
Soluble	Analysis	300.0		1	9925	10/20/21 04:52	CH	XEN MID

Client Sample ID: SW-65 (4)

Lab Sample ID: 890-1439-24
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9635	10/18/21 09:40	KL	XEN MID
Total/NA	Analysis	8021B		1	9649	10/18/21 15:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: SW-65 (4)

Lab Sample ID: 890-1439-24
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	10003	10/20/21 14:09	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9818	10/18/21 17:14	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9617	10/19/21 01:15	AJ	XEN MID
Soluble	Leach	DI Leach			9724	10/19/21 13:56	CA	XEN MID
Soluble	Analysis	300.0		1	9925	10/20/21 04:58	CH	XEN MID

Client Sample ID: SW-66 (4)

Lab Sample ID: 890-1439-25
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9635	10/18/21 09:40	KL	XEN MID
Total/NA	Analysis	8021B		1	9649	10/18/21 16:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 14:09	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9818	10/18/21 17:14	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9617	10/19/21 01:35	AJ	XEN MID
Soluble	Leach	DI Leach			9724	10/19/21 13:56	CA	XEN MID
Soluble	Analysis	300.0		1	9925	10/20/21 05:04	CH	XEN MID

Client Sample ID: SW-67 (4)

Lab Sample ID: 890-1439-26
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9635	10/18/21 09:40	KL	XEN MID
Total/NA	Analysis	8021B		1	9649	10/18/21 16:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 14:09	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9818	10/18/21 17:14	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9617	10/19/21 01:55	AJ	XEN MID
Soluble	Leach	DI Leach			9724	10/19/21 13:56	CA	XEN MID
Soluble	Analysis	300.0		1	9925	10/20/21 05:09	CH	XEN MID

Client Sample ID: SW-68 (4)

Lab Sample ID: 890-1439-27
Matrix: Solid
Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9635	10/18/21 09:40	KL	XEN MID
Total/NA	Analysis	8021B		1	9649	10/18/21 16:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1	10032	10/20/21 20:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	10003	10/20/21 14:09	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9818	10/18/21 17:14	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	9617	10/19/21 02:15	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Client Sample ID: SW-68 (4)

Date Collected: 10/14/21 00:00
Date Received: 10/15/21 10:39

Lab Sample ID: 890-1439-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			9724	10/19/21 13:56	CA	XEN MID
Soluble	Analysis	300.0		1	9925	10/20/21 05:15	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

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

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

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

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

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Fox 30

Job ID: 890-1439-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1439-1	T- 1 (0-1)	Solid	10/14/21 00:00	10/15/21 10:39	0 - 1
890-1439-2	T-1 (1)	Solid	10/14/21 00:00	10/15/21 10:39	1
890-1439-3	T-1 (2)	Solid	10/14/21 00:00	10/15/21 10:39	2
890-1439-4	T-1 (3)	Solid	10/14/21 00:00	10/15/21 10:39	3
890-1439-5	T-1 (4)	Solid	10/14/21 00:00	10/15/21 10:39	4
890-1439-6	T-1 (5)	Solid	10/14/21 00:00	10/15/21 10:39	5
890-1439-7	T-2 (0-1)	Solid	10/14/21 00:00	10/15/21 10:39	0 - 1
890-1439-8	T-2 (1)	Solid	10/14/21 00:00	10/15/21 10:39	1
890-1439-9	T-2 (2)	Solid	10/14/21 00:00	10/15/21 10:39	2
890-1439-10	T-2 (3)	Solid	10/14/21 00:00	10/15/21 10:39	3
890-1439-11	T-2 (4)	Solid	10/14/21 00:00	10/15/21 10:39	4
890-1439-12	T-2 (5)	Solid	10/14/21 00:00	10/15/21 10:39	5
890-1439-13	T-3 (0-1)	Solid	10/14/21 00:00	10/15/21 10:39	0 - 1
890-1439-14	T-3 (1)	Solid	10/14/21 00:00	10/15/21 10:39	1
890-1439-15	T-3 (2)	Solid	10/14/21 00:00	10/15/21 10:39	2
890-1439-16	T-3 (3)	Solid	10/14/21 00:00	10/15/21 10:39	3
890-1439-17	T-3 (4)	Solid	10/14/21 00:00	10/15/21 10:39	4
890-1439-18	T-3 (5)	Solid	10/14/21 00:00	10/15/21 10:39	5
890-1439-19	BH-153 (4)	Solid	10/14/21 00:00	10/15/21 10:39	4
890-1439-20	BH-154 (4)	Solid	10/14/21 00:00	10/15/21 10:39	4
890-1439-21	BH-155 (4)	Solid	10/14/21 00:00	10/15/21 10:39	4
890-1439-22	BH-156 (4)	Solid	10/14/21 00:00	10/15/21 10:39	4
890-1439-23	BH-151 (4)	Solid	10/14/21 00:00	10/15/21 10:39	4
890-1439-24	SW-65 (4)	Solid	10/14/21 00:00	10/15/21 10:39	4
890-1439-25	SW-66 (4)	Solid	10/14/21 00:00	10/15/21 10:39	4
890-1439-26	SW-67 (4)	Solid	10/14/21 00:00	10/15/21 10:39	4
890-1439-27	SW-68 (4)	Solid	10/14/21 00:00	10/15/21 10:39	4

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Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

890-1439 Chain of Custody

Client Name: EOG Resources	Site Manager: Brittany Long
Project Name: Fox 30	
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02339
Invoice to: Todd Wells	
Receiving Laboratory: Xenco / Eurofins	Sampler Signature: Maylon Tanyh
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)
	T-1 (0-1')	10/14/21			X			X			
	T-1 (1')										
	T-1 (2')										
	T-1 (3')										
	T-1 (4')										
	T-1 (5')										
	T-2 (0-1')										
	T-2 (1')										
	T-2 (2')										
	T-2 (3')										

ANALYSIS REQUEST (Circle or Specify Method No.)

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

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Maylon Tanyh	10/15/21		Clare Cuff	10.15.21	1039
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature 2.0 / 1.8

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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10/20/2021

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10/20/2021

Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG Resources

Site Manager: Brittany Long

Project Name: Fox 30

Project Location: (county, state) Lea County, New Mexico

Project #: 212C-MD-02339

Invoice to: Todd Wells

Receiving Laboratory: Xenco / Eurofins

Sampler Signature: Mayte Tayn

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# 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	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
	T-2 (4')	10/14/21			X			X				X		X												X			
	T-2 (5')																												
	T-3 (0-1')																												
	T-3 (1')																												
	T-3 (2')																												
	T-3 (3')																												
	T-3 (4')																												
	T-3 (5')																												
	BH-153 (4')																												
	BH-154 (4')																												

ANALYSIS REQUEST
(Circle or Specify Method No.)

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Mayte Tayn	10/15/21			10.15.21	1039
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ ~~Rush Charges Authorized~~
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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10/20/2021

Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG Resources

Site Manager: Brittany Long

Project Name: Fox 30

Project Location: (county, state) Lea County, New Mexico

Project #: 212C-MD-02339

Invoice to: Todd Wells

Receiving Laboratory: Xenco / Eurofins

Sampler Signature: Myles Taylor

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)
	BH-155 (4')	10/14/21			X			X			
	BH-156 (4')										
	BH-157 (4')										
	SW-65 (4')										
	SW-66 (4')										
	SW-67 (4')										
	SW-68 (4')										

ANALYSIS REQUEST (Circle or Specify Method No.)

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

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Myles Taylor	10/15/21		Cloe Cuff	10.15.21	1039
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ ~~Rush Charges Authorized~~
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-465 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: Texas	Page: Page 1 of 3
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1439-1
Address: 1211 W Florida Ave	Due Date Requested: 10/20/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email:	WO #:			
Project Name: Fox 30	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
T- 1 (0-1) (890-1439-1)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-1 (1) (890-1439-2)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-1 (2) (890-1439-3)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-1 (3) (890-1439-4)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-1 (4) (890-1439-5)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-1 (5) (890-1439-6)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-2 (0-1) (890-1439-7)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-2 (1) (890-1439-8)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-2 (2) (890-1439-9)	10/14/21	Central		Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I II III IV Other (specify) — Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
N. [signature]	10/15/21		[signature] KRAMER	10/14/21	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 1045	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No:	Cooler Temperature(s) °C and Other Remarks: 05/0.6

Ver: 06/08/2021

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Released to Imaging: 1/14/2022 2:45:36 PM

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-465 2
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: Texas	Page: Page 2 of 3
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1439-1
Address: 1211 W Florida Ave	Due Date Requested: 10/20/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX 79701	PO #			
Phone: 432-704-5440(Tel)	WO #			
Email:	Project #: 88000013			
Project Name: Fox 30	SSOW#:			
Site				

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note
			Preservation Code										
T-2 (3) (890-1439-10)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-2 (4) (890-1439-11)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-2 (5) (890-1439-12)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-3 (0-1) (890-1439-13)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-3 (1) (890-1439-14)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-3 (2) (890-1439-15)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-3 (3) (890-1439-16)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-3 (4) (890-1439-17)	10/14/21	Central		Solid			X	X	X	X	X	1	
T-3 (5) (890-1439-18)	10/14/21	Central		Solid			X	X	X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	10/15/21				
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

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Eurofins Xenco, Carlsbad
1089 N Canal St
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-465 3
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica kramer@eurofinset com	State of Origin: Texas	Page: Page 3 of 3
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1439-1
Address: 1211 W Florida Ave	Due Date Requested: 10/20/2021			
City: Midland	TAT Requested (days):			
State Zip: TX 79701				
Phone: 432 704-5440(Tel)	PO #:			
Email:	WO #:			
Project Name: Fox 30	Project #: 88000013			
Site:	SSOW#:			

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note
			Preservation Code										
BH-153 (4) (890-1439-19)	10/14/21	Central		Solid			X	X	X	X	X	1	
BH-154 (4) (890-1439-20)	10/14/21	Central		Solid			X	X	X	X	X	1	
BH-155 (4) (890-1439-21)	10/14/21	Central		Solid			X	X	X	X	X	1	
BH-156 (4) (890-1439-22)	10/14/21	Central		Solid			X	X	X	X	X	1	
BH-151 (4) (890-1439-23)	10/14/21	Central		Solid			X	X	X	X	X	1	
SW-65 (4) (890-1439 24)	10/14/21	Central		Solid			X	X	X	X	X	1	
SW-66 (4) (890-1439-25)	10/14/21	Central		Solid			X	X	X	X	X	1	
SW-67 (4) (890-1439-26)	10/14/21	Central		Solid			X	X	X	X	X	1	
SW-68 (4) (890-1439-27)	10/14/21	Central		Solid			X	X	X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently r aintain accreditation in the State o' Origin listed above for analys s/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status shou d be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment.

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	10/15/21		Kramer		
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 06/08/2021

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Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1439-1
SDG Number: Lea County NM

Login Number: 1439
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Xenco, 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.	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	

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1439-1
SDG Number: Lea County NM

Login Number: 1439
List Number: 2
Creator: Kramer, Jessica

List Source: Eurofins Xenco, Midland
List Creation: 10/18/21 08:10 AM

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	0.5/0.6
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.	True	
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	

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 68329

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 68329
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	1/14/2022