

SITE INFORMATION

Report Type: Closure Report (2RP-5024)

General Site Information:

Site:	Stella Blue 30 Fed Com 701					
Company:	EOG Resources					
Section, Township and Range	Unit. L4	Sec. 30	T 26S	R 31E		
County:	Eddy County, NM					
GPS:	32.00810			-103.8244		
Surface Owner:	BLM					

Release Data:

Date Released:	7/31/2018
Type Release:	Oil and Produced Water
Source of Contamination:	Valve left partially open
Fluid Released:	120 bbls. of Fluids
Fluids Recovered:	30 bbls. of Fluids

Official Communication:

Name:	James Kennedy		Clair Gonzales
Company:	EOG Resources		Tetra Tech
Address:	5509 Champions Dr		901 West Wall Street
			Suite 100
City:	Midland, TX 79706		Midland, Texas 79701
Phone number:	432-686-7016		432-687-8634
Fax:			
Email:	James.Kennedy@eogresources.com		clair.gonzales@tetrattech.com

Site Characterization

Depth to Groundwater:	50' below ground surface (bgs)
Karst Potential:	High

Recommended Remedial Action Levels (RRALs)

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



June 28, 2021

Bradford Billings
Hydrologist
District 2 Artesia
Oil Conservation Division
Santa Fe, NM 87505

**Re: Closure Report
EOG Resources
Stella Blue 30 Federal Com #701H
Unit L4, Section 30, Township 26 South, Range 31 East
Eddy County, New Mexico
2RP-5024**

Mr. Billings:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess a release at the EOG Stella Blue 30 Federal Com #701H (API No. 30-015-44920). The release footprint is located in the Public Land Survey System (PLSS) Unit L4, Section 30, Township 26 South, Range 31 East, Eddy County, New Mexico (Site). The Site coordinates are 32.0081°, -103.8244°. 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 July 31, 2018 when a water drilling mud was flowing out of their holding tanks as a result of a valve that was left partially open. The release consisted of 120 barrels (bbls.) of free fluids affecting the pad and surrounding area to the southwest. During immediate response, the valve was closed, and a vacuum truck recovered 30 bbls. of free fluids. The initial C-141 report was submitted on August 08, 2018 to the New Mexico Oil Conservation District (NMOCD). The release was subsequently assigned the Remediation Permit (RP) number 2RP-5024. The C-141 forms are included in Appendix A.

Site Characterization

A site characterization was performed for the site, and no watercourses, 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, and the site is in a high karst potential area. The nearest well is listed in the USGS National Water Information Database website in Section 08, approximately 4.5 mile Northeast of the site, and has a reported depth to groundwater of 275.49 feet (ft.) below ground surface (bgs.), the well was last gauged in 1998. In addition, according to the New Mexico Office of the State Engineer, there are no water wells within 800 meters (½ miles) radius. The average depth to groundwater is 50 ft. bgs. Site characterization data 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.tetrattech.com



Regulatory

A risk-based evaluation was performed for the site per 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 on the site characterization, the proposed RRAL for TPH is 100 mg/kg (GRO+DRO+MRO). Additionally, based on the site characterization, the proposed RRAL for chlorides is 600 mg/kg.

Soil Assessment and Analytical Results

On April 28, 2021, Tetra Tech personnel were on site to evaluate and sample the release area. The formerly impacted area was identified from the description in the C-141 and the aerial imagery. Soils were field screened for salinity using an Extech EC400 ExStik to determine sampling intervals. A total of six (6) auger holes (AH-1 through AH-6) were installed inside the release footprint to a total depth from surface to 1 ft. bgs, 1.5 ft. bgs and 2.5 ft. bgs. In addition, four (4) horizontals (H-1 through H-4) were collected in order to horizontally delineate the impact at a depth from top to 0.5 ft. bgs. A total of eighteen (18) samples were analyzed 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 D. The results of the sampling are summarized in Table 1. The sample locations are shown on Figure 3. Photographic documentation is included.

Referring to Table 1, the sample locations AH-1, AH-3, H-S and H-W exceeded the site RRALs for TPH (100 mg/kg) at the sample intervals from surface to 0.5 ft. bgs., 1 ft. bgs., and 1.5 ft. bgs. In addition, sample locations AH-1 and AH-5 exceeded the site RRALs for chloride (600 mg/kg) at the sample intervals from surface to 1 ft. bgs. and 1.5 ft. bgs, respectively. The remainder of the samples were below the site RRALs for TPH (100 mg/kg), chloride (600 mg/kg), BTEX (50 m/kg) and benzene (10 mg/kg).

Remediation Activities

Between June 14 and 18, 2021, Tetra Tech personnel were on site to supervise the excavation and remediation activities in order to remove the impacted soil from the release area. The excavated areas are shown on Figure 4. The impacted areas were excavated to the appropriate depths, ranging in total depths of 5' to 6' below surface. Once the excavation was completed, confirmation samples were collected every 200 sq. ft. Seventeen (17) bottom hole sample (BH-1 through BH-17) and fifteen (15) sidewall samples were collected in the excavation area. A total of thirty-two (32) samples were analyzed 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 D. The results of the sampling are summarized in Table 2.



Referring to Table 2, all of the confirmation samples were below the Site RRAL for chloride (600 mg/kg), TPH (100 mg/kg), BTEX (50 m/kg) and benzene (10 mg/kg).

The excavation areas were backfilled with clean material to surface grade. Approximately 776.5 cubic yards of material was transported offsite for proper disposal.

Conclusion

Based on the laboratory results and site assessment activities performed, EOG requests closure of this spill issue. The final C-141 initial reports are 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

Paula Tocora Alonso

Paula Tocora Alonso
Environmental Engineer I
Tetra Tech, Inc

Figures



NEW MEXICO
STELLA BLUE 30 FEDERAL COM #701H

 SITE LOCATION



0 2.5 5
Miles
Approximate Scale in Miles

OVERVIEW MAP
STELLA BLUE 30 FEDERAL COM #701H
Property Located at coordinates 32.0081°, -103.8244°
EDDY COUNTY, NEW MEXICO



FIGURE
1

Source: ESRI Basemap - Streets, 2021.



 SITE LOCATION



0 1,000 2,000
Feet
Approximate Scale in Feet

TOPOGRAPHIC MAP
STELLA BLUE 30 FEDERAL COM #701H
Property Located at coordinates 32.0081°, -103.8244°
EDDY COUNTY, NEW MEXICO

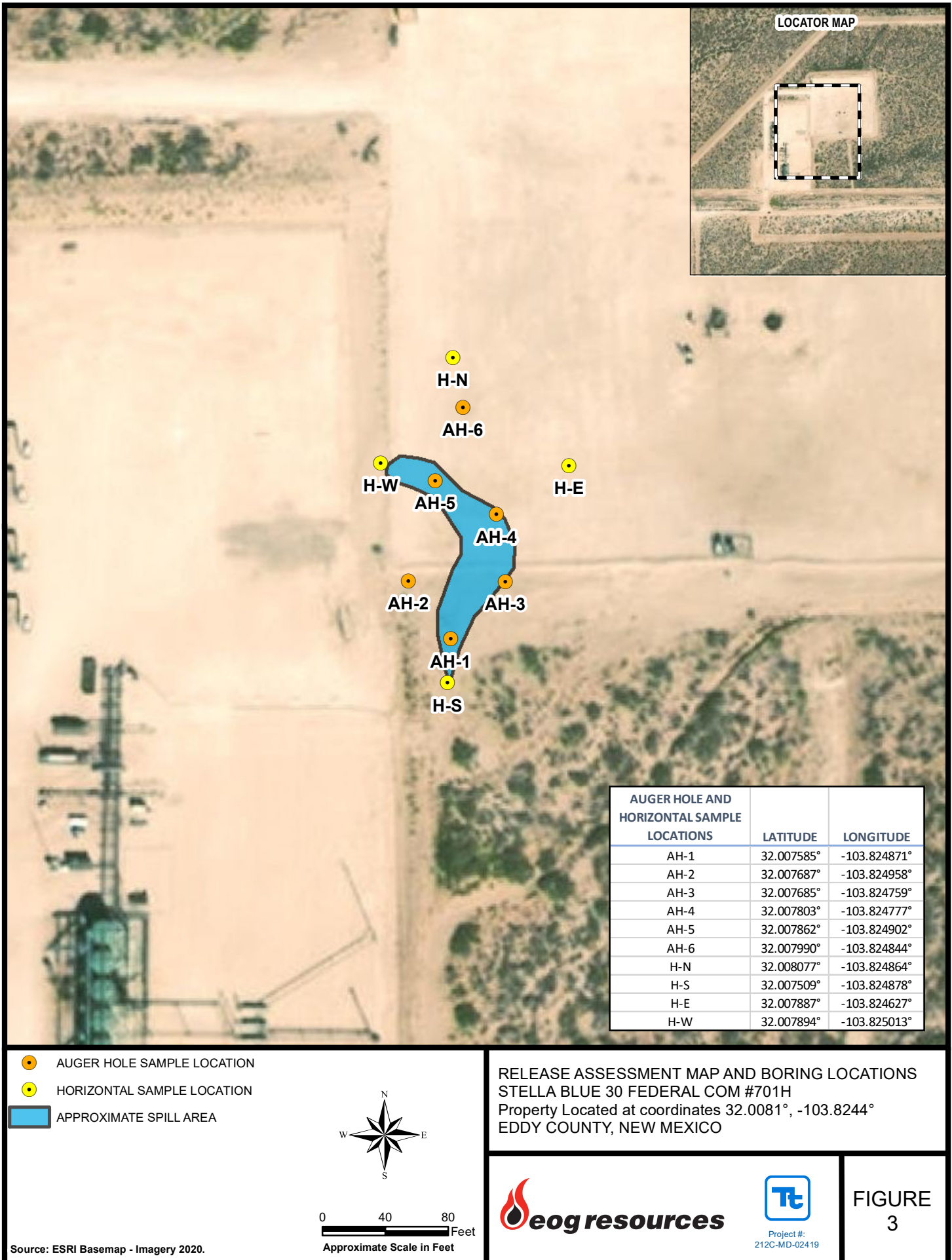


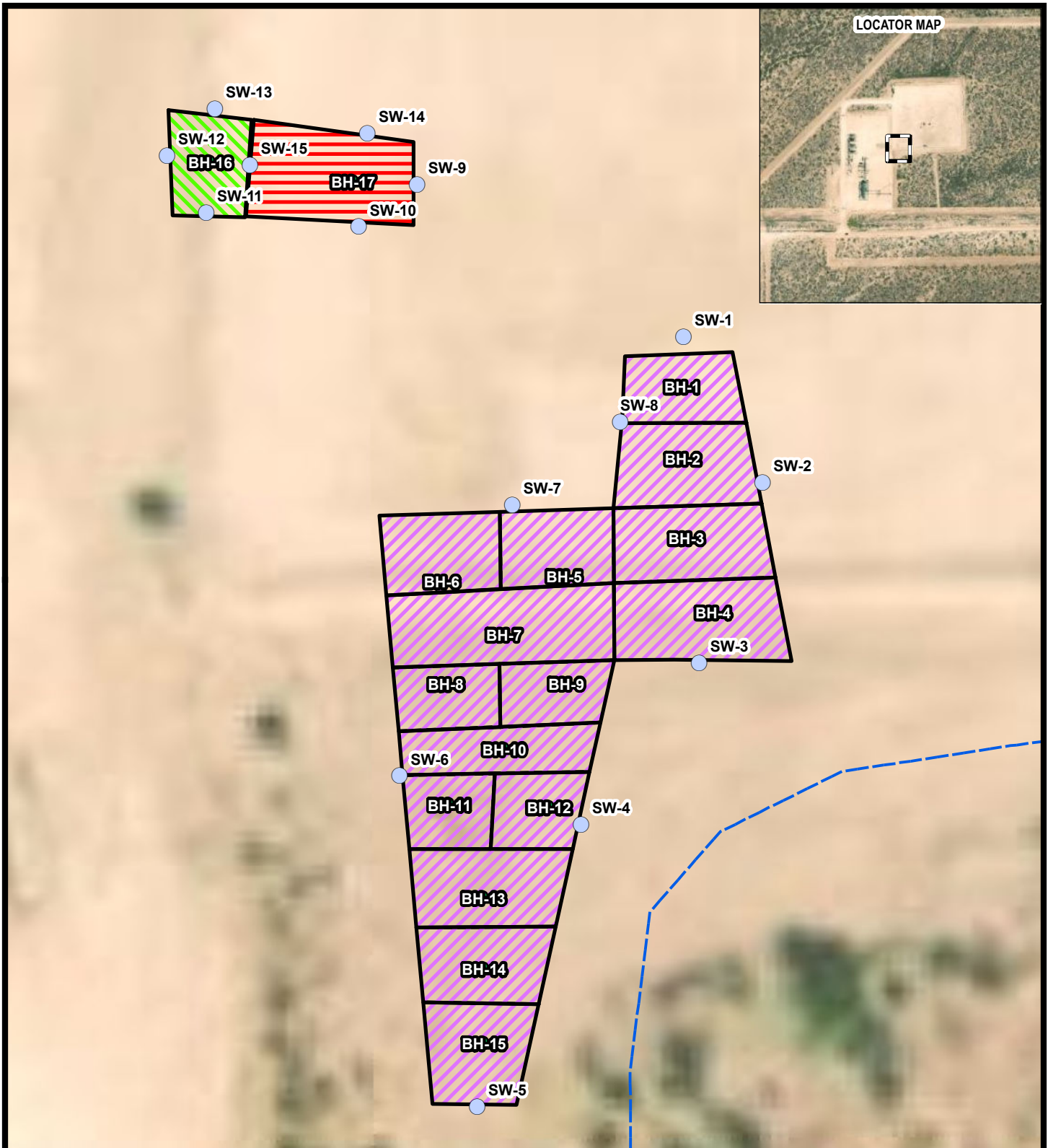
Project #:
212C-MD-02419

FIGURE
2

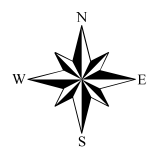
Source: USGS, The National Map,
Topo Base, 2021.

C:\GIS\EOG Resources\212C-MD-02419_STELLA BLUE 30_FIG2.mxd 6/24/2021 jpd.cnlr





- BH** BOTTOM HOLE SAMPLE LOCATION
- SIDEWALL DESIGNATION
- UNDERGROUND PIPELINE
- 5' SECOND EXCAVATED DEPTH AREA
- 6' FIRST EXCAVATED DEPTH AREA
- 6' SECOND EXCAVATED DEPTH AREA



0 10 20 Feet
Approximate Scale in Feet

Source: ESRI Basemap - Imagery 2020.

EXCAVATION AREA AND DEPTH MAP
STELLA BLUE 30 FEDERAL COM #701H
Property Located at coordinates 32.0081°, -103.8244°
EDDY COUNTY, NEW MEXICO



Project #:
212C-MD-02419

FIGURE
4

Tables

Table 1
EOG
Stella Blue Federal Com #701H
Eddy 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	4/28/2021	0-1'	X	-	<50.0	528	<50.0	528	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	606
	4/28/2021	1-1.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	388
	4/28/2021	2-2.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	410
AH-2	4/28/2021	0-1'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	52.5
	4/28/2021	1-1.5'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	23.6
	4/28/2021	2-2.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	16.6
AH-3	4/28/2021	0-1'	X	-	<50.0	202	<50.0	202	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	381
	4/28/2021	1-1.5'	X	-	<50.0	133	<50.0	133	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	221
AH-4	4/28/2021	0-1'	X	-	<50.0	473	<50.0	473	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	434
AH-5	4/28/2021	0-1'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,560
	4/28/2021	1-1.5'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,300
AH-6	4/28/2021	0-1'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	153
	4/28/2021	1-1.5'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	185
	4/28/2021	2-2.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	198
H-E	4/28/2021	0-6"	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	166
H-N	4/28/2021	0-6"	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	327
H-S	4/28/2021	0-6"	X	-	<49.9	645	<49.9	645	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	297
H-W	4/28/2021	0-6"	X	-	<49.9	116	<49.9	116	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	102

(-)

Not Analyzed
Exceeded RRALs

Table 2
EOG
Stella Blue Federal Com #701H
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	BEB Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
				In-Situ	Removed	GRO	DRO	ORO	Total						
BH-1	6/18/2021	-		X	-	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	87.2
BH-2	6/18/2021	-		X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	79.9
BH-3	6/18/2021	-		X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	39.0
BH-4	6/18/2021	-		X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.6
BH-5	6/18/2021	-		X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	71.3
BH-6	6/18/2021	-		X	-	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	35.9
BH-7	6/18/2021	-		X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	48.3
BH-8	6/18/2021	-		X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	44.3
BH-9	6/18/2021	-		X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	202
BH-10	6/18/2021	-		X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	169
BH-11	6/18/2021	-		X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	38.3
BH-12	6/18/2021	-		X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	10.5
BH-13	6/18/2021	-		X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	8.63
BH-14	6/18/2021	-		X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	58.9
BH-15	6/18/2021	-		X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	66.5
BH-16	6/18/2021	-		X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	12.9
BH-17	6/18/2021	-		X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	112
SW-1	6/18/2021	-		X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	8.31
SW-2	6/18/2021	-		X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	7.97
SW-3	6/18/2021	-		X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	44.1
SW-4	6/18/2021	-		X	-	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.4
SW-5	6/18/2021	-		X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	55.8
SW-6	6/18/2021	-		X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	41.4
SW-7	6/18/2021	-		X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	12.1
SW-8	6/18/2021	-		X	-	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	51.8
SW-9	6/18/2021	-		X	-	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	179
SW-10	6/18/2021	-		X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	0.00338	<0.00401	<0.00401	11.9
SW-11	6/18/2021	-		X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00237	0.00320	<0.00399	0.00557	51.7
SW-12	6/18/2021	-		X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	48.6
SW-13	6/18/2021	-		X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	46.8
SW-14	6/18/2021	-		X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	41.7
SW-15	6/18/2021	-		X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8.81

(-) Not Analyzed
Excavated

Photos

EOG Resources
Stella Blue 30 Fed Com 701
Eddy County, New Mexico



TETRA TECH



View of Remediation Activities – View West



View of Remediation Activities – View Northwest/North

EOG Resources
Stella Blue 30 Fed Com 701
Eddy County, New Mexico



TETRA TECH



View of Remediation Activities – View Southwest



View of Remediation Activities – View West

Appendix A

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

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

OCD Rec'd:08/10/18

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

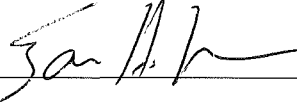
Name of Company: EOG Resources, Inc	Contact: Jamon Hohensee
Address: 5509 Champions Dr, Midland TX, 7976	Telephone No.: 432-556-8074
Facility Name: Stella Blue 30 Fed Com 701	Facility Type: Well
Surface Owner: BLM	Mineral Owner: BLM
API No. 30015449200000	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County

Latitude 32.0081 Longitude -103.8244

NATURE OF RELEASE

Type of Release: Water based drilling mud	Volume of Release: 120bbls	Volume Recovered: 30 bbls
Source of Release: water tanks	Date and Hour of Occurrence 7/31/18	Date and Hour of Discovery 7/31/18
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.* na		
Describe Cause of Problem and Remedial Action Taken.* On 7/31/18 it was discovered that water drilling mud was flowing out of their holding tanks from a valve that was left partially open. Approx 120bbls of fluids were released onto the pad and surrounding area to the Southwest. The valve was closed and 30bbls were recovered by vac truck.		
Describe Area Affected and Cleanup Action Taken.* Area will be delineated and remediated to regulatory standards. Contaminated soils will be transferred to an approved disposal facility. Site will be brought back to natural state with appropriate seed mixes for the area.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.		
Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Jamon Hohensee	Approved by Environmental Specialist: 	
Title: Environmental Representative	Approval Date: 10/24/18	Expiration Date: N/A
E-mail Address: jamon_hohensee@eogresources.com	Conditions of Approval:	Attached ☐
Date: Phone: 432-556-8074		2RP-5024

* Attach Additional Sheets If Necessary

A#: pMAP1829767425

I#: NMAP1829767907

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.

State of New Mexico
Oil Conservation Division

Page 4

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: James F. Kennedy Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	nMAP1829767907
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: James F. Kennedy Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

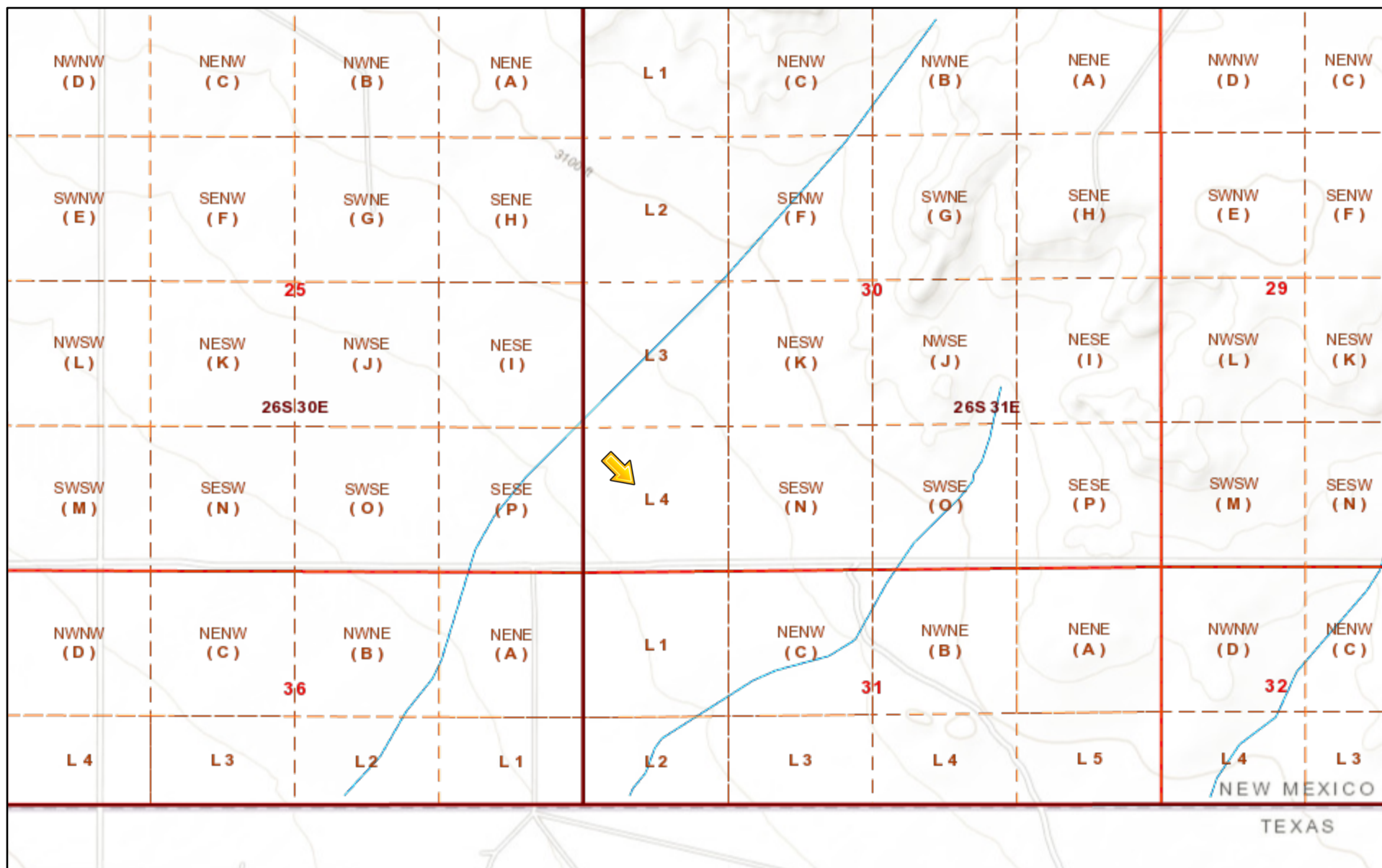
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance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

Closure Approved by: Bradford Billings Date: 11/17/2021

Printed Name: Bradford Billings Title: Envi.Spec.A

Appendix B

2RP-5024



6/16/2021, 10:56:41 PM



Override 1



OCD District Offices

PLSS First Division

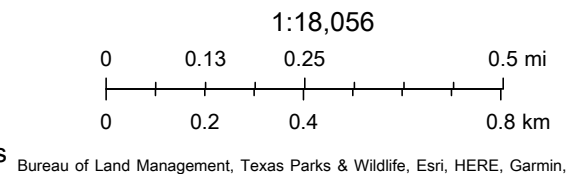
PLSS Second Division

PLSS Townships

PLJV Probable Playas

OSE Streams

OSE Water-bodies



New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>: New Mexico Oil Conservation Division

Stella Blue 30 Federal Com #701H

Legend

- High
- Low
- Medium

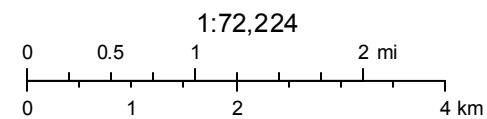
STELLA BLUE 30 FEDERAL COM #701H



New Mexico NFHL Data



June 16, 2021



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



National Water Information System: Mapper

USGS Home
Contact USGS
Search USGS

Help Info



Site Information



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	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tw	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C_02165		C	ED				24	26S	30E	610036	3544121*	2402	440	180	260
C_02248		CUB	ED	1	2	3	08	26S	31E	612942	3547316*	5706	300	292	8
C_02249		CUB	ED	1	2	3	08	26S	31E	612942	3547316*	5706	300	292	8

Average Depth to Water: **254 feet**

Minimum Depth: **180 feet**

Maximum Depth: **292 feet**

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 611036.25

Northing (Y): 3541936.76

Radius: 5800

*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.

6/16/21 10:16 PM

WATER COLUMN/ AVERAGE DEPTH TO
WATER



National Water Information System: Web Interface

USGS Water Resources

USGS Home
Contact USGS
Search USGS

Data Category: Groundwater Geographic Area: New Mexico GO

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

* IMPORTANT: [Next Generation Station Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list = 320330103462401

Minimum number of levels = 1

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

USGS 320330103462401 26S.31E.08.321434

Eddy County, New Mexico
Latitude 32°03'30", Longitude 103°46'24" NAD27
Land-surface elevation 3,251 feet above NAVD88
The depth of the well is 380 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1983-02-16			D	62610		2972.78	NGVD29	1	Z		A
1983-02-16			D	62611		2974.42	NAVD88	1	Z		A
1983-02-16			D	72019	276.58			1	Z		A
1987-10-21			D	62610		2972.14	NGVD29	1	Z		A
1987-10-21			D	62611		2973.78	NAVD88	1	Z		A
1987-10-21			D	72019	277.22			1	Z		A
1992-11-05			D	62610		2973.40	NGVD29	3	O		A
1992-11-05			D	62611		2975.04	NAVD88	3	O		A
1992-11-05			D	72019	275.96			3	O		A
1998-01-29			D	62610		2973.87	NGVD29	1	S		A
1998-01-29			D	62611		2975.51	NAVD88	1	S		A
1998-01-29			D	72019	275.49			1	S		A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	3	True value is above reported value due to local conditions
Method of measurement	O	Observed.
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[News](#)

Accessibility FOIA Privacy Policies and Notices
[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?site_no=320330103462401&agency_cd=USGS&format=html

Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2021-06-17 00:33:26 EDT

0.35 0.33 radw@1



Appendix C



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-1770-1

Laboratory Sample Delivery Group: Eddy County, New Mexico
Client Project/Site: Stella Blue 30 Fed Com #701H
Revision: 1

For:

Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
5/5/2021 2:52:30 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



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: Stella Blue 30 Fed Com #701H

Laboratory Job ID: 880-1770-1
SDG: Eddy County, New Mexico

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	17
QC Sample Results	19
QC Association Summary	25
Lab Chronicle	29
Certification Summary	34
Method Summary	35
Sample Summary	36
Chain of Custody	37
Receipt Checklists	39

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Eurofins Xenco, Midland

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

Job ID: 880-1770-1

Laboratory: Eurofins Xenco, Midland

Narrative

**Job Narrative
880-1770-1**

REVISION

The report being provided is a revision of the original report sent on 5/5/2021. The report (revision 1) is being revised due to Per client email - corrected typo on AH-2 (2'-2.5').

Report revision history

Receipt

The samples were received on 4/30/2021 12:43 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-N (0"-6") (880-1770-1), AH-1 (2'-2.5') (880-1770-7), AH-4 (0'-1') (880-1770-13), AH-5 (0'-1') (880-1770-14), AH-5 (1'-1.5') (880-1770-15), AH-6 (0'-1') (880-1770-16) and AH-6 (2'-2.5') (880-1770-18). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Internal standard responses were outside of acceptance limits for the following samples: H-S (0"-6") (880-1770-2), H-W (0"-6") (880-1770-4), AH-1 (1'-1.5') (880-1770-6), AH-2 (0'-1') (880-1770-8), AH-2 (1'-1.5') (880-1770-9), AH-2 (2'-2.5') (880-1770-10), AH-3 (0'-1') (880-1770-11), AH-3 (1'-1.5') (880-1770-12) and AH-5 (0'-1') (880-1770-14). 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 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: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

Client Sample ID: H-N (0"-6")

Lab Sample ID: 880-1770-1

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:54	05/01/21 10:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/30/21 14:54	05/01/21 10:03	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/30/21 14:54	05/01/21 10:03	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/30/21 14:54	05/01/21 10:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/30/21 14:54	05/01/21 10:03	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/30/21 14:54	05/01/21 10:03	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		04/30/21 14:54	05/01/21 10:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	04/30/21 14:54	05/01/21 10:03	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/30/21 14:54	05/01/21 10:03	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	<49.9	U F1	49.9		mg/Kg		04/30/21 14:09	05/02/21 12:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		04/30/21 14:09	05/02/21 12:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 12:39	1
Total TPH	<49.9	U F1	49.9		mg/Kg		04/30/21 14:09	05/02/21 12:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	04/30/21 14:09	05/02/21 12:39	1
o-Terphenyl	120		70 - 130	04/30/21 14:09	05/02/21 12:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	327		5.04		mg/Kg			05/04/21 06:09	1

Client Sample ID: H-S (0"-6")

Lab Sample ID: 880-1770-2

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:54	05/01/21 10:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 10:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 10:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/30/21 14:54	05/01/21 10:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 10:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/30/21 14:54	05/01/21 10:28	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		04/30/21 14:54	05/01/21 10:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	04/30/21 14:54	05/01/21 10:28	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/30/21 14:54	05/01/21 10:28	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		04/30/21 14:09	05/02/21 13:43	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

Client Sample ID: H-S (0"-6")

Lab Sample ID: 880-1770-2

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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)	645		49.9		mg/Kg		04/30/21 14:09	05/02/21 13:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 13:43	1
Total TPH	645		49.9		mg/Kg		04/30/21 14:09	05/02/21 13:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				04/30/21 14:09	05/02/21 13:43	1
o-Terphenyl	113		70 - 130				04/30/21 14:09	05/02/21 13:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	297		4.97		mg/Kg			05/04/21 06:24	1

Client Sample ID: H-E (0"-6")

Lab Sample ID: 880-1770-3

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:54	05/01/21 10:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/30/21 14:54	05/01/21 10:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/30/21 14:54	05/01/21 10:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/30/21 14:54	05/01/21 10:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/30/21 14:54	05/01/21 10:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/30/21 14:54	05/01/21 10:53	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		04/30/21 14:54	05/01/21 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				04/30/21 14:54	05/01/21 10:53	1
1,4-Difluorobenzene (Surr)	111		70 - 130				04/30/21 14:54	05/01/21 10:53	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		04/30/21 14:09	05/02/21 14:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/30/21 14:09	05/02/21 14:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/30/21 14:09	05/02/21 14:04	1
Total TPH	<49.8	U	49.8		mg/Kg		04/30/21 14:09	05/02/21 14:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				04/30/21 14:09	05/02/21 14:04	1
o-Terphenyl	118		70 - 130				04/30/21 14:09	05/02/21 14:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	166		4.97		mg/Kg			05/04/21 06:30	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

Client Sample ID: H-W (0"-6")

Lab Sample ID: 880-1770-4

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:54	05/01/21 11:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/30/21 14:54	05/01/21 11:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/30/21 14:54	05/01/21 11:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/30/21 14:54	05/01/21 11:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/30/21 14:54	05/01/21 11:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/30/21 14:54	05/01/21 11:18	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		04/30/21 14:54	05/01/21 11:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/30/21 14:54	05/01/21 11:18	1
1,4-Difluorobenzene (Surr)	79		70 - 130	04/30/21 14:54	05/01/21 11:18	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		04/30/21 14:09	05/02/21 14:25	1
Diesel Range Organics (Over C10-C28)	116		49.9		mg/Kg		04/30/21 14:09	05/02/21 14:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 14:25	1
Total TPH	116		49.9		mg/Kg		04/30/21 14:09	05/02/21 14:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	04/30/21 14:09	05/02/21 14:25	1
o-Terphenyl	119		70 - 130	04/30/21 14:09	05/02/21 14:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		4.97		mg/Kg			05/04/21 06:45	1

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

Lab Sample ID: 880-1770-5

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:54	05/01/21 11:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/30/21 14:54	05/01/21 11:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/30/21 14:54	05/01/21 11:43	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/30/21 14:54	05/01/21 11:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/30/21 14:54	05/01/21 11:43	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/30/21 14:54	05/01/21 11:43	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		04/30/21 14:54	05/01/21 11:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	04/30/21 14:54	05/01/21 11:43	1
1,4-Difluorobenzene (Surr)	112		70 - 130	04/30/21 14:54	05/01/21 11:43	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		04/30/21 14:09	05/02/21 14:46	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-1770-5

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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)	528		50.0		mg/Kg		04/30/21 14:09	05/02/21 14:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 14:46	1
Total TPH	528		50.0		mg/Kg		04/30/21 14:09	05/02/21 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				04/30/21 14:09	05/02/21 14:46	1
o-Terphenyl	107		70 - 130				04/30/21 14:09	05/02/21 14:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	606		4.97		mg/Kg			05/04/21 06:50	1

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

Lab Sample ID: 880-1770-6

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:54	05/01/21 12:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 12:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 12:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/30/21 14:54	05/01/21 12:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 12:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/30/21 14:54	05/01/21 12:08	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/30/21 14:54	05/01/21 12:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				04/30/21 14:54	05/01/21 12:08	1
1,4-Difluorobenzene (Surr)	111		70 - 130				04/30/21 14:54	05/01/21 12:08	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		04/30/21 14:09	05/02/21 15:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 15:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 15:07	1
Total TPH	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 15:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				04/30/21 14:09	05/02/21 15:07	1
o-Terphenyl	120		70 - 130				04/30/21 14:09	05/02/21 15:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	388		4.95		mg/Kg			05/04/21 06:55	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-1770-7

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:54	05/01/21 12:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/30/21 14:54	05/01/21 12:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/30/21 14:54	05/01/21 12:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/30/21 14:54	05/01/21 12:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/30/21 14:54	05/01/21 12:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/30/21 14:54	05/01/21 12:33	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/30/21 14:54	05/01/21 12:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	04/30/21 14:54	05/01/21 12:33	1
1,4-Difluorobenzene (Surr)	113		70 - 130	04/30/21 14:54	05/01/21 12:33	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	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 15:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 15:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 15:29	1
Total TPH	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	04/30/21 14:09	05/02/21 15:29	1
o-Terphenyl	121		70 - 130	04/30/21 14:09	05/02/21 15:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	410		4.96		mg/Kg			05/04/21 07:00	1

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

Lab Sample ID: 880-1770-8

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:54	05/01/21 12:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 12:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 12:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/30/21 14:54	05/01/21 12:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 12:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/30/21 14:54	05/01/21 12:59	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		04/30/21 14:54	05/01/21 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/30/21 14:54	05/01/21 12:59	1
1,4-Difluorobenzene (Surr)	80		70 - 130	04/30/21 14:54	05/01/21 12:59	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		04/30/21 14:09	05/02/21 15:50	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-1770-8

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:09	05/02/21 15:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 15:50	1
Total TPH	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 15:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				04/30/21 14:09	05/02/21 15:50	1
o-Terphenyl	124		70 - 130				04/30/21 14:09	05/02/21 15:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.5		4.98		mg/Kg			05/04/21 07:06	1

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

Lab Sample ID: 880-1770-9

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:54	05/01/21 13:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 13:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 13:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/30/21 14:54	05/01/21 13:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 13:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/30/21 14:54	05/01/21 13:24	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		04/30/21 14:54	05/01/21 13:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				04/30/21 14:54	05/01/21 13:24	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/30/21 14:54	05/01/21 13:24	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	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 16:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 16:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 16:11	1
Total TPH	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				04/30/21 14:09	05/02/21 16:11	1
o-Terphenyl	118		70 - 130				04/30/21 14:09	05/02/21 16:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.6		5.00		mg/Kg			05/04/21 07:11	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-1770-10

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:54	05/01/21 13:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/30/21 14:54	05/01/21 13:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/30/21 14:54	05/01/21 13:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/30/21 14:54	05/01/21 13:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/30/21 14:54	05/01/21 13:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/30/21 14:54	05/01/21 13:50	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/30/21 14:54	05/01/21 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	04/30/21 14:54	05/01/21 13:50	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/30/21 14:54	05/01/21 13:50	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		04/30/21 14:09	05/02/21 16:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 16:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 16:32	1
Total TPH	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130	04/30/21 14:09	05/02/21 16:32	1
o-Terphenyl	142	S1+	70 - 130	04/30/21 14:09	05/02/21 16:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.6		4.99		mg/Kg			05/04/21 07:16	1

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

Lab Sample ID: 880-1770-11

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		04/30/21 14:57	05/01/21 17:39	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		04/30/21 14:57	05/01/21 17:39	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		04/30/21 14:57	05/01/21 17:39	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		04/30/21 14:57	05/01/21 17:39	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		04/30/21 14:57	05/01/21 17:39	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		04/30/21 14:57	05/01/21 17:39	1
Total BTEX	<0.00399	U F1	0.00399		mg/Kg		04/30/21 14:57	05/01/21 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	04/30/21 14:57	05/01/21 17:39	1
1,4-Difluorobenzene (Surr)	79		70 - 130	04/30/21 14:57	05/01/21 17:39	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		04/30/21 14:09	05/02/21 17:15	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-1770-11

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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)	202		50.0		mg/Kg		04/30/21 14:09	05/02/21 17:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 17:15	1
Total TPH	202		50.0		mg/Kg		04/30/21 14:09	05/02/21 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				04/30/21 14:09	05/02/21 17:15	1
o-Terphenyl	115		70 - 130				04/30/21 14:09	05/02/21 17:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	381		4.97		mg/Kg			05/04/21 07:57	1

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

Lab Sample ID: 880-1770-12

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:57	05/01/21 18:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 18:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 18:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/30/21 14:57	05/01/21 18:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 18:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/30/21 14:57	05/01/21 18:04	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/30/21 14:57	05/01/21 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/30/21 14:57	05/01/21 18:04	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/30/21 14:57	05/01/21 18:04	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		04/30/21 14:09	05/02/21 17:36	1
Diesel Range Organics (Over C10-C28)	133		50.0		mg/Kg		04/30/21 14:09	05/02/21 17:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 17:36	1
Total TPH	133		50.0		mg/Kg		04/30/21 14:09	05/02/21 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				04/30/21 14:09	05/02/21 17:36	1
o-Terphenyl	116		70 - 130				04/30/21 14:09	05/02/21 17:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	221		4.96		mg/Kg			05/04/21 08:12	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-1770-13

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:57	05/01/21 18:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/30/21 14:57	05/01/21 18:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/30/21 14:57	05/01/21 18:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/30/21 14:57	05/01/21 18:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/30/21 14:57	05/01/21 18:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/30/21 14:57	05/01/21 18:30	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/30/21 14:57	05/01/21 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	04/30/21 14:57	05/01/21 18:30	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/30/21 14:57	05/01/21 18:30	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		04/30/21 14:09	05/02/21 17:57	1
Diesel Range Organics (Over C10-C28)	473		50.0		mg/Kg		04/30/21 14:09	05/02/21 17:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 17:57	1
Total TPH	473		50.0		mg/Kg		04/30/21 14:09	05/02/21 17:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	04/30/21 14:09	05/02/21 17:57	1
o-Terphenyl	120		70 - 130	04/30/21 14:09	05/02/21 17:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	434		4.95		mg/Kg			05/04/21 08:17	1

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

Lab Sample ID: 880-1770-14

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:57	05/01/21 18:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/30/21 14:57	05/01/21 18:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/30/21 14:57	05/01/21 18:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/30/21 14:57	05/01/21 18:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/30/21 14:57	05/01/21 18:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/30/21 14:57	05/01/21 18:55	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		04/30/21 14:57	05/01/21 18:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	04/30/21 14:57	05/01/21 18:55	1
1,4-Difluorobenzene (Surr)	114		70 - 130	04/30/21 14:57	05/01/21 18:55	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	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 18:18	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-1770-14

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:09	05/02/21 18:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 18:18	1
Total TPH	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	04/30/21 14:09	05/02/21 18:18	1
o-Terphenyl	125		70 - 130	04/30/21 14:09	05/02/21 18:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2560		25.0		mg/Kg			05/04/21 08:23	5

Client Sample ID: AH-5 (1'-1.5')

Lab Sample ID: 880-1770-15

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:57	05/01/21 19:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 19:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 19:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/30/21 14:57	05/01/21 19:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 19:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/30/21 14:57	05/01/21 19:21	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		04/30/21 14:57	05/01/21 19:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	04/30/21 14:57	05/01/21 19:21	1
1,4-Difluorobenzene (Surr)	113		70 - 130	04/30/21 14:57	05/01/21 19:21	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	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 18:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 18:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 18:40	1
Total TPH	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	04/30/21 14:09	05/02/21 18:40	1
o-Terphenyl	112		70 - 130	04/30/21 14:09	05/02/21 18:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2300		24.8		mg/Kg			05/04/21 08:28	5

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-1770-16

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:57	05/01/21 19:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 19:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 19:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/30/21 14:57	05/01/21 19:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 19:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/30/21 14:57	05/01/21 19:46	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/30/21 14:57	05/01/21 19:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	04/30/21 14:57	05/01/21 19:46	1
1,4-Difluorobenzene (Surr)	115		70 - 130	04/30/21 14:57	05/01/21 19:46	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		04/30/21 14:09	05/02/21 19:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 19:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 19:01	1
Total TPH	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	04/30/21 14:09	05/02/21 19:01	1
o-Terphenyl	125		70 - 130	04/30/21 14:09	05/02/21 19:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	153		4.95		mg/Kg			05/04/21 08:43	1

Client Sample ID: AH-6 (1'-1.5')

Lab Sample ID: 880-1770-17

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:57	05/01/21 20:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 20:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 20:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/30/21 14:57	05/01/21 20:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 20:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/30/21 14:57	05/01/21 20:11	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		04/30/21 14:57	05/01/21 20:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	04/30/21 14:57	05/01/21 20:11	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/30/21 14:57	05/01/21 20:11	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		04/30/21 14:09	05/02/21 19:22	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

Client Sample ID: AH-6 (1'-1.5')

Lab Sample ID: 880-1770-17

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:09	05/02/21 19:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 19:22	1
Total TPH	<49.9	U	49.9		mg/Kg		04/30/21 14:09	05/02/21 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				04/30/21 14:09	05/02/21 19:22	1
o-Terphenyl	123		70 - 130				04/30/21 14:09	05/02/21 19:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	185		5.04		mg/Kg			05/04/21 08:48	1

Client Sample ID: AH-6 (2'-2.5')

Lab Sample ID: 880-1770-18

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

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		04/30/21 14:57	05/01/21 20:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 20:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 20:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/30/21 14:57	05/01/21 20:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 20:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/30/21 14:57	05/01/21 20:37	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		04/30/21 14:57	05/01/21 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				04/30/21 14:57	05/01/21 20:37	1
1,4-Difluorobenzene (Surr)	114		70 - 130				04/30/21 14:57	05/01/21 20:37	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	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 19:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 19:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 19:43	1
Total TPH	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				04/30/21 14:09	05/02/21 19:43	1
o-Terphenyl	125		70 - 130				04/30/21 14:09	05/02/21 19:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	198		6.23		mg/Kg			05/04/21 08:53	1

Eurofins Xenco, Midland

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-1770-1	H-N (0"-6")	143 S1+	99
880-1770-2	H-S (0"-6")	117	104
880-1770-3	H-E (0"-6")	126	111
880-1770-4	H-W (0"-6")	93	79
880-1770-5	AH-1 (0'-1')	125	112
880-1770-6	AH-1 (1'-1.5')	121	111
880-1770-7	AH-1 (2'-2.5')	132 S1+	113
880-1770-8	AH-2 (0'-1')	101	80
880-1770-9	AH-2 (1'-1.5')	112	94
880-1770-10	AH-2 (2'-2.5')	125	97
880-1770-11	AH-3 (0'-1')	118	79
880-1770-11 MS	AH-3 (0'-1')	128	73
880-1770-11 MSD	AH-3 (0'-1')	132 S1+	114
880-1770-12	AH-3 (1'-1.5')	101	98
880-1770-13	AH-4 (0'-1')	142 S1+	95
880-1770-14	AH-5 (0'-1')	126	114
880-1770-15	AH-5 (1'-1.5')	136 S1+	113
880-1770-16	AH-6 (0'-1')	138 S1+	115
880-1770-17	AH-6 (1'-1.5')	116	99
880-1770-18	AH-6 (2'-2.5')	136 S1+	114
LCS 880-2561/1-A	Lab Control Sample	117	114
LCS 880-2563/1-A	Lab Control Sample	124	118
LCSD 880-2561/2-A	Lab Control Sample Dup	115	104
LCSD 880-2563/2-A	Lab Control Sample Dup	128	116
MB 880-2477/5-A	Method Blank	75	88
MB 880-2561/5-A	Method Blank	81	90
MB 880-2563/5-A	Method Blank	82	88

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-1770-1	H-N (0"-6")	106	120
880-1770-1 MS	H-N (0"-6")	112	105
880-1770-1 MSD	H-N (0"-6")	108	102
880-1770-2	H-S (0"-6")	106	113
880-1770-3	H-E (0"-6")	110	118
880-1770-4	H-W (0"-6")	109	119
880-1770-5	AH-1 (0'-1')	106	107
880-1770-6	AH-1 (1'-1.5')	108	120
880-1770-7	AH-1 (2'-2.5')	109	121
880-1770-8	AH-2 (0'-1')	113	124
880-1770-9	AH-2 (1'-1.5')	105	118
880-1770-10	AH-2 (2'-2.5')	123	142 S1+

Eurofins Xenco, Midland

Surrogate Summary

Client: Tetra Tech, Inc.

Job ID: 880-1770-1

Project/Site: Stella Blue 30 Fed Com #701H

SDG: Eddy County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)
Matrix: Solid
Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-1770-11	AH-3 (0'-1')	108	115
880-1770-12	AH-3 (1'-1.5')	108	116
880-1770-13	AH-4 (0'-1')	109	120
880-1770-14	AH-5 (0'-1')	113	125
880-1770-15	AH-5 (1'-1.5')	104	112
880-1770-16	AH-6 (0'-1')	113	125
880-1770-17	AH-6 (1'-1.5')	110	123
880-1770-18	AH-6 (2'-2.5')	111	125
LCS 880-2551/2-A	Lab Control Sample	104	104
LCSD 880-2551/3-A	Lab Control Sample Dup	98	101
MB 880-2551/1-A	Method Blank	99	114

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-2477/5-A

Matrix: Solid

Analysis Batch: 2546

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/21 10:35	04/30/21 14:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/21 10:35	04/30/21 14:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/21 10:35	04/30/21 14:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/29/21 10:35	04/30/21 14:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/21 10:35	04/30/21 14:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/21 10:35	04/30/21 14:43	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/29/21 10:35	04/30/21 14:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	04/29/21 10:35	04/30/21 14:43	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/29/21 10:35	04/30/21 14:43	1

Lab Sample ID: MB 880-2561/5-A

Matrix: Solid

Analysis Batch: 2546

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2561

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 04:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 04:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 04:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/30/21 14:54	05/01/21 04:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:54	05/01/21 04:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/30/21 14:54	05/01/21 04:04	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/30/21 14:54	05/01/21 04:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	04/30/21 14:54	05/01/21 04:04	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/30/21 14:54	05/01/21 04:04	1

Lab Sample ID: LCS 880-2561/1-A

Matrix: Solid

Analysis Batch: 2546

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2561

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1034		mg/Kg		103	70 - 130
Toluene	0.100	0.1102		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1086		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.200	0.1957		mg/Kg		98	70 - 130
o-Xylene	0.100	0.1107		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-2561/2-A

Matrix: Solid

Analysis Batch: 2546

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2561

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09620		mg/Kg		96	70 - 130	7	35
Toluene	0.100	0.1036		mg/Kg		104	70 - 130	6	35
Ethylbenzene	0.100	0.1008		mg/Kg		101	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1814		mg/Kg		91	70 - 130	8	35
o-Xylene	0.100	0.1030		mg/Kg		103	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-2563/5-A

Matrix: Solid

Analysis Batch: 2546

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2563

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 17:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 17:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 17:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/30/21 14:57	05/01/21 17:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/21 14:57	05/01/21 17:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/30/21 14:57	05/01/21 17:14	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/30/21 14:57	05/01/21 17:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	04/30/21 14:57	05/01/21 17:14	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/30/21 14:57	05/01/21 17:14	1

Lab Sample ID: LCS 880-2563/1-A

Matrix: Solid

Analysis Batch: 2546

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1106		mg/Kg		111	70 - 130
Toluene	0.100	0.1119		mg/Kg		112	70 - 130
Ethylbenzene	0.100	0.1143		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	0.200	0.2060		mg/Kg		103	70 - 130
o-Xylene	0.100	0.1191		mg/Kg		119	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: LCSD 880-2563/2-A

Matrix: Solid

Analysis Batch: 2546

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2563

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09799		mg/Kg		98	70 - 130	12	35

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-2563/2-A

Matrix: Solid

Analysis Batch: 2546

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2563

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.09552		mg/Kg		96	70 - 130	16	35
Ethylbenzene	0.100	0.1063		mg/Kg		106	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1931		mg/Kg		97	70 - 130	6	35
o-Xylene	0.100	0.1116		mg/Kg		112	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 880-1770-11 MS

Matrix: Solid

Analysis Batch: 2546

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

Prep Type: Total/NA

Prep Batch: 2563

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.100	<0.00201	U F1	mg/Kg		0	70 - 130
Toluene	<0.00200	U F1	0.100	<0.00201	U F1	mg/Kg		0	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	<0.00201	U F1	mg/Kg		0	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.201	<0.00402	U F1	mg/Kg		0	70 - 130
o-Xylene	<0.00200	U F1	0.100	<0.00201	U F1	mg/Kg		0	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	73		70 - 130

Lab Sample ID: 880-1770-11 MSD

Matrix: Solid

Analysis Batch: 2546

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

Prep Type: Total/NA

Prep Batch: 2563

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0996	0.06040	F1	mg/Kg		61	70 - 130	NC	35
Toluene	<0.00200	U F1	0.0996	0.06130	F1	mg/Kg		62	70 - 130	NC	35
Ethylbenzene	<0.00200	U F1	0.0996	0.06286	F1	mg/Kg		63	70 - 130	NC	35
m-Xylene & p-Xylene	<0.00399	U F1	0.199	0.07492	F1	mg/Kg		38	70 - 130	NC	35
o-Xylene	<0.00200	U F1	0.0996	0.06655	F1	mg/Kg		67	70 - 130	NC	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

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

Lab Sample ID: MB 880-2551/1-A

Matrix: Solid

Analysis Batch: 2598

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2551

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		04/30/21 14:09	05/02/21 11:36	1

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-2551/1-A

Matrix: Solid

Analysis Batch: 2598

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 11:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 11:36	1
Total TPH	<50.0	U	50.0		mg/Kg		04/30/21 14:09	05/02/21 11:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	04/30/21 14:09	05/02/21 11:36	1
o-Terphenyl	114		70 - 130	04/30/21 14:09	05/02/21 11:36	1

Lab Sample ID: LCS 880-2551/2-A

Matrix: Solid

Analysis Batch: 2598

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2551

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1121		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1090		mg/Kg		109	70 - 130

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

Lab Sample ID: LCSD 880-2551/3-A

Matrix: Solid

Analysis Batch: 2598

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2551

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1115		mg/Kg		112	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1038		mg/Kg		104	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 880-1770-1 MS

Matrix: Solid

Analysis Batch: 2598

Client Sample ID: H-N (0"-6")

Prep Type: Total/NA

Prep Batch: 2551

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 F1	998	1295		mg/Kg		128	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	1360	F1	mg/Kg		134	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	112		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-1770-1 MS

Matrix: Solid

Analysis Batch: 2598

Client Sample ID: H-N (0"-6")

Prep Type: Total/NA

Prep Batch: 2551

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	105		70 - 130

Lab Sample ID: 880-1770-1 MSD

Matrix: Solid

Analysis Batch: 2598

Client Sample ID: H-N (0"-6")

Prep Type: Total/NA

Prep Batch: 2551

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	998	1378	F1	mg/Kg		136	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	1308		mg/Kg		129	70 - 130	4	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	108		70 - 130								
<i>o</i> -Terphenyl	102		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-2566/1-A

Matrix: Solid

Analysis Batch: 2661

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			05/04/21 04:42	1

Lab Sample ID: LCS 880-2566/2-A

Matrix: Solid

Analysis Batch: 2661

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	249.4		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-2566/3-A

Matrix: Solid

Analysis Batch: 2661

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	250	249.0		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-1770-1 MS

Matrix: Solid

Analysis Batch: 2661

Client Sample ID: H-N (0"-6")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	327		252	570.6		mg/Kg		96	90 - 110

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-1770-1 MSD

Matrix: Solid

Analysis Batch: 2661

Client Sample ID: H-N (0"-6")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	327		252	571.4		mg/Kg		97	90 - 110	0	20

Lab Sample ID: MB 880-2568/1-A

Matrix: Solid

Analysis Batch: 2662

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			05/04/21 07:41	1

Lab Sample ID: LCS 880-2568/2-A

Matrix: Solid

Analysis Batch: 2662

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	251.3		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-2568/3-A

Matrix: Solid

Analysis Batch: 2662

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	251.0		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-1770-11 MS

Matrix: Solid

Analysis Batch: 2662

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	381		249	626.8		mg/Kg		99	90 - 110

Lab Sample ID: 880-1770-11 MSD

Matrix: Solid

Analysis Batch: 2662

Client Sample ID: AH-3 (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	381		249	626.9		mg/Kg		99	90 - 110	0	20

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 2477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-2477/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 2546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1770-1	H-N (0"-6")	Total/NA	Solid	8021B	2561
880-1770-2	H-S (0"-6")	Total/NA	Solid	8021B	2561
880-1770-3	H-E (0"-6")	Total/NA	Solid	8021B	2561
880-1770-4	H-W (0"-6")	Total/NA	Solid	8021B	2561
880-1770-5	AH-1 (0'-1')	Total/NA	Solid	8021B	2561
880-1770-6	AH-1 (1'-1.5')	Total/NA	Solid	8021B	2561
880-1770-7	AH-1 (2'-2.5')	Total/NA	Solid	8021B	2561
880-1770-8	AH-2 (0'-1')	Total/NA	Solid	8021B	2561
880-1770-9	AH-2 (1'-1.5')	Total/NA	Solid	8021B	2561
880-1770-10	AH-2 (2'-2.5')	Total/NA	Solid	8021B	2561
880-1770-11	AH-3 (0'-1')	Total/NA	Solid	8021B	2563
880-1770-12	AH-3 (1'-1.5')	Total/NA	Solid	8021B	2563
880-1770-13	AH-4 (0'-1')	Total/NA	Solid	8021B	2563
880-1770-14	AH-5 (0'-1')	Total/NA	Solid	8021B	2563
880-1770-15	AH-5 (1'-1.5')	Total/NA	Solid	8021B	2563
880-1770-16	AH-6 (0'-1')	Total/NA	Solid	8021B	2563
880-1770-17	AH-6 (1'-1.5')	Total/NA	Solid	8021B	2563
880-1770-18	AH-6 (2'-2.5')	Total/NA	Solid	8021B	2563
MB 880-2477/5-A	Method Blank	Total/NA	Solid	8021B	2477
MB 880-2561/5-A	Method Blank	Total/NA	Solid	8021B	2561
MB 880-2563/5-A	Method Blank	Total/NA	Solid	8021B	2563
LCS 880-2561/1-A	Lab Control Sample	Total/NA	Solid	8021B	2561
LCS 880-2563/1-A	Lab Control Sample	Total/NA	Solid	8021B	2563
LCSD 880-2561/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2561
LCSD 880-2563/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2563
880-1770-11 MS	AH-3 (0'-1')	Total/NA	Solid	8021B	2563
880-1770-11 MSD	AH-3 (0'-1')	Total/NA	Solid	8021B	2563

Prep Batch: 2561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1770-1	H-N (0"-6")	Total/NA	Solid	5035	
880-1770-2	H-S (0"-6")	Total/NA	Solid	5035	
880-1770-3	H-E (0"-6")	Total/NA	Solid	5035	
880-1770-4	H-W (0"-6")	Total/NA	Solid	5035	
880-1770-5	AH-1 (0'-1')	Total/NA	Solid	5035	
880-1770-6	AH-1 (1'-1.5')	Total/NA	Solid	5035	
880-1770-7	AH-1 (2'-2.5')	Total/NA	Solid	5035	
880-1770-8	AH-2 (0'-1')	Total/NA	Solid	5035	
880-1770-9	AH-2 (1'-1.5')	Total/NA	Solid	5035	
880-1770-10	AH-2 (2'-2.5')	Total/NA	Solid	5035	
MB 880-2561/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2561/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2561/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 2563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1770-11	AH-3 (0'-1')	Total/NA	Solid	5035	

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 2563 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1770-12	AH-3 (1'-1.5')	Total/NA	Solid	5035	
880-1770-13	AH-4 (0'-1')	Total/NA	Solid	5035	
880-1770-14	AH-5 (0'-1')	Total/NA	Solid	5035	
880-1770-15	AH-5 (1'-1.5')	Total/NA	Solid	5035	
880-1770-16	AH-6 (0'-1')	Total/NA	Solid	5035	
880-1770-17	AH-6 (1'-1.5')	Total/NA	Solid	5035	
880-1770-18	AH-6 (2'-2.5')	Total/NA	Solid	5035	
MB 880-2563/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2563/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2563/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1770-11 MS	AH-3 (0'-1')	Total/NA	Solid	5035	
880-1770-11 MSD	AH-3 (0'-1')	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 2551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1770-1	H-N (0"-6")	Total/NA	Solid	8015NM Prep	
880-1770-2	H-S (0"-6")	Total/NA	Solid	8015NM Prep	
880-1770-3	H-E (0"-6")	Total/NA	Solid	8015NM Prep	
880-1770-4	H-W (0"-6")	Total/NA	Solid	8015NM Prep	
880-1770-5	AH-1 (0'-1')	Total/NA	Solid	8015NM Prep	
880-1770-6	AH-1 (1'-1.5')	Total/NA	Solid	8015NM Prep	
880-1770-7	AH-1 (2'-2.5')	Total/NA	Solid	8015NM Prep	
880-1770-8	AH-2 (0'-1')	Total/NA	Solid	8015NM Prep	
880-1770-9	AH-2 (1'-1.5')	Total/NA	Solid	8015NM Prep	
880-1770-10	AH-2 (2'-2.5')	Total/NA	Solid	8015NM Prep	
880-1770-11	AH-3 (0'-1')	Total/NA	Solid	8015NM Prep	
880-1770-12	AH-3 (1'-1.5')	Total/NA	Solid	8015NM Prep	
880-1770-13	AH-4 (0'-1')	Total/NA	Solid	8015NM Prep	
880-1770-14	AH-5 (0'-1')	Total/NA	Solid	8015NM Prep	
880-1770-15	AH-5 (1'-1.5')	Total/NA	Solid	8015NM Prep	
880-1770-16	AH-6 (0'-1')	Total/NA	Solid	8015NM Prep	
880-1770-17	AH-6 (1'-1.5')	Total/NA	Solid	8015NM Prep	
880-1770-18	AH-6 (2'-2.5')	Total/NA	Solid	8015NM Prep	
MB 880-2551/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-2551/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-2551/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-1770-1 MS	H-N (0"-6")	Total/NA	Solid	8015NM Prep	
880-1770-1 MSD	H-N (0"-6")	Total/NA	Solid	8015NM Prep	

Analysis Batch: 2598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1770-1	H-N (0"-6")	Total/NA	Solid	8015B NM	2551
880-1770-2	H-S (0"-6")	Total/NA	Solid	8015B NM	2551
880-1770-3	H-E (0"-6")	Total/NA	Solid	8015B NM	2551
880-1770-4	H-W (0"-6")	Total/NA	Solid	8015B NM	2551
880-1770-5	AH-1 (0'-1')	Total/NA	Solid	8015B NM	2551
880-1770-6	AH-1 (1'-1.5')	Total/NA	Solid	8015B NM	2551
880-1770-7	AH-1 (2'-2.5')	Total/NA	Solid	8015B NM	2551
880-1770-8	AH-2 (0'-1')	Total/NA	Solid	8015B NM	2551

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 2598 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1770-9	AH-2 (1'-1.5')	Total/NA	Solid	8015B NM	2551
880-1770-10	AH-2 (2'-2.5')	Total/NA	Solid	8015B NM	2551
880-1770-11	AH-3 (0'-1')	Total/NA	Solid	8015B NM	2551
880-1770-12	AH-3 (1'-1.5')	Total/NA	Solid	8015B NM	2551
880-1770-13	AH-4 (0'-1')	Total/NA	Solid	8015B NM	2551
880-1770-14	AH-5 (0'-1')	Total/NA	Solid	8015B NM	2551
880-1770-15	AH-5 (1'-1.5')	Total/NA	Solid	8015B NM	2551
880-1770-16	AH-6 (0'-1')	Total/NA	Solid	8015B NM	2551
880-1770-17	AH-6 (1'-1.5')	Total/NA	Solid	8015B NM	2551
880-1770-18	AH-6 (2'-2.5')	Total/NA	Solid	8015B NM	2551
MB 880-2551/1-A	Method Blank	Total/NA	Solid	8015B NM	2551
LCS 880-2551/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	2551
LCSD 880-2551/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	2551
880-1770-1 MS	H-N (0"-6")	Total/NA	Solid	8015B NM	2551
880-1770-1 MSD	H-N (0"-6")	Total/NA	Solid	8015B NM	2551

HPLC/IC

Leach Batch: 2566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1770-1	H-N (0"-6")	Soluble	Solid	DI Leach	
880-1770-2	H-S (0"-6")	Soluble	Solid	DI Leach	
880-1770-3	H-E (0"-6")	Soluble	Solid	DI Leach	
880-1770-4	H-W (0"-6")	Soluble	Solid	DI Leach	
880-1770-5	AH-1 (0'-1')	Soluble	Solid	DI Leach	
880-1770-6	AH-1 (1'-1.5')	Soluble	Solid	DI Leach	
880-1770-7	AH-1 (2'-2.5')	Soluble	Solid	DI Leach	
880-1770-8	AH-2 (0'-1')	Soluble	Solid	DI Leach	
880-1770-9	AH-2 (1'-1.5')	Soluble	Solid	DI Leach	
880-1770-10	AH-2 (2'-2.5')	Soluble	Solid	DI Leach	
MB 880-2566/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2566/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2566/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1770-1 MS	H-N (0"-6")	Soluble	Solid	DI Leach	
880-1770-1 MSD	H-N (0"-6")	Soluble	Solid	DI Leach	

Leach Batch: 2568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1770-11	AH-3 (0'-1')	Soluble	Solid	DI Leach	
880-1770-12	AH-3 (1'-1.5')	Soluble	Solid	DI Leach	
880-1770-13	AH-4 (0'-1')	Soluble	Solid	DI Leach	
880-1770-14	AH-5 (0'-1')	Soluble	Solid	DI Leach	
880-1770-15	AH-5 (1'-1.5')	Soluble	Solid	DI Leach	
880-1770-16	AH-6 (0'-1')	Soluble	Solid	DI Leach	
880-1770-17	AH-6 (1'-1.5')	Soluble	Solid	DI Leach	
880-1770-18	AH-6 (2'-2.5')	Soluble	Solid	DI Leach	
MB 880-2568/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2568/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2568/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1770-11 MS	AH-3 (0'-1')	Soluble	Solid	DI Leach	
880-1770-11 MSD	AH-3 (0'-1')	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

HPLC/IC

Analysis Batch: 2661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1770-1	H-N (0"-6")	Soluble	Solid	300.0	2566
880-1770-2	H-S (0"-6")	Soluble	Solid	300.0	2566
880-1770-3	H-E (0"-6")	Soluble	Solid	300.0	2566
880-1770-4	H-W (0"-6")	Soluble	Solid	300.0	2566
880-1770-5	AH-1 (0'-1')	Soluble	Solid	300.0	2566
880-1770-6	AH-1 (1'-1.5')	Soluble	Solid	300.0	2566
880-1770-7	AH-1 (2'-2.5')	Soluble	Solid	300.0	2566
880-1770-8	AH-2 (0'-1')	Soluble	Solid	300.0	2566
880-1770-9	AH-2 (1'-1.5')	Soluble	Solid	300.0	2566
880-1770-10	AH-2 (2'-2.5')	Soluble	Solid	300.0	2566
MB 880-2566/1-A	Method Blank	Soluble	Solid	300.0	2566
LCS 880-2566/2-A	Lab Control Sample	Soluble	Solid	300.0	2566
LCSD 880-2566/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2566
880-1770-1 MS	H-N (0"-6")	Soluble	Solid	300.0	2566
880-1770-1 MSD	H-N (0"-6")	Soluble	Solid	300.0	2566

Analysis Batch: 2662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1770-11	AH-3 (0'-1')	Soluble	Solid	300.0	2568
880-1770-12	AH-3 (1'-1.5')	Soluble	Solid	300.0	2568
880-1770-13	AH-4 (0'-1')	Soluble	Solid	300.0	2568
880-1770-14	AH-5 (0'-1')	Soluble	Solid	300.0	2568
880-1770-15	AH-5 (1'-1.5')	Soluble	Solid	300.0	2568
880-1770-16	AH-6 (0'-1')	Soluble	Solid	300.0	2568
880-1770-17	AH-6 (1'-1.5')	Soluble	Solid	300.0	2568
880-1770-18	AH-6 (2'-2.5')	Soluble	Solid	300.0	2568
MB 880-2568/1-A	Method Blank	Soluble	Solid	300.0	2568
LCS 880-2568/2-A	Lab Control Sample	Soluble	Solid	300.0	2568
LCSD 880-2568/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2568
880-1770-11 MS	AH-3 (0'-1')	Soluble	Solid	300.0	2568
880-1770-11 MSD	AH-3 (0'-1')	Soluble	Solid	300.0	2568

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

Client Sample ID: H-N (0"-6")

Lab Sample ID: 880-1770-1

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2561	04/30/21 14:54	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 10:03	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 12:39	AJ	XM
Soluble	Leach	DI Leach			2566	04/30/21 15:06	CH	XM
Soluble	Analysis	300.0		1	2661	05/04/21 06:09	WP	XM

Client Sample ID: H-S (0"-6")

Lab Sample ID: 880-1770-2

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2561	04/30/21 14:54	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 10:28	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 13:43	AJ	XM
Soluble	Leach	DI Leach			2566	04/30/21 15:06	CH	XM
Soluble	Analysis	300.0		1	2661	05/04/21 06:24	WP	XM

Client Sample ID: H-E (0"-6")

Lab Sample ID: 880-1770-3

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2561	04/30/21 14:54	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 10:53	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 14:04	AJ	XM
Soluble	Leach	DI Leach			2566	04/30/21 15:06	CH	XM
Soluble	Analysis	300.0		1	2661	05/04/21 06:30	WP	XM

Client Sample ID: H-W (0"-6")

Lab Sample ID: 880-1770-4

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2561	04/30/21 14:54	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 11:18	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 14:25	AJ	XM
Soluble	Leach	DI Leach			2566	04/30/21 15:06	CH	XM
Soluble	Analysis	300.0		1	2661	05/04/21 06:45	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-1770-5

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2561	04/30/21 14:54	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 11:43	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 14:46	AJ	XM
Soluble	Leach	DI Leach			2566	04/30/21 15:06	CH	XM
Soluble	Analysis	300.0		1	2661	05/04/21 06:50	WP	XM

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

Lab Sample ID: 880-1770-6

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2561	04/30/21 14:54	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 12:08	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 15:07	AJ	XM
Soluble	Leach	DI Leach			2566	04/30/21 15:06	CH	XM
Soluble	Analysis	300.0		1	2661	05/04/21 06:55	WP	XM

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

Lab Sample ID: 880-1770-7

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2561	04/30/21 14:54	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 12:33	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 15:29	AJ	XM
Soluble	Leach	DI Leach			2566	04/30/21 15:06	CH	XM
Soluble	Analysis	300.0		1	2661	05/04/21 07:00	WP	XM

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

Lab Sample ID: 880-1770-8

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2561	04/30/21 14:54	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 12:59	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 15:50	AJ	XM
Soluble	Leach	DI Leach			2566	04/30/21 15:06	CH	XM
Soluble	Analysis	300.0		1	2661	05/04/21 07:06	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-1770-9

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2561	04/30/21 14:54	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 13:24	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 16:11	AJ	XM
Soluble	Leach	DI Leach			2566	04/30/21 15:06	CH	XM
Soluble	Analysis	300.0		1	2661	05/04/21 07:11	WP	XM

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

Lab Sample ID: 880-1770-10

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2561	04/30/21 14:54	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 13:50	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 16:32	AJ	XM
Soluble	Leach	DI Leach			2566	04/30/21 15:06	CH	XM
Soluble	Analysis	300.0		1	2661	05/04/21 07:16	WP	XM

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

Lab Sample ID: 880-1770-11

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2563	04/30/21 14:57	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 17:39	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 17:15	AJ	XM
Soluble	Leach	DI Leach			2568	04/30/21 15:14	CH	XM
Soluble	Analysis	300.0		1	2662	05/04/21 07:57	WP	XM

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

Lab Sample ID: 880-1770-12

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2563	04/30/21 14:57	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 18:04	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 17:36	AJ	XM
Soluble	Leach	DI Leach			2568	04/30/21 15:14	CH	XM
Soluble	Analysis	300.0		1	2662	05/04/21 08:12	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-1770-13

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2563	04/30/21 14:57	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 18:30	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 17:57	AJ	XM
Soluble	Leach	DI Leach			2568	04/30/21 15:14	CH	XM
Soluble	Analysis	300.0		1	2662	05/04/21 08:17	WP	XM

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

Lab Sample ID: 880-1770-14

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2563	04/30/21 14:57	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 18:55	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 18:18	AJ	XM
Soluble	Leach	DI Leach			2568	04/30/21 15:14	CH	XM
Soluble	Analysis	300.0		5	2662	05/04/21 08:23	WP	XM

Client Sample ID: AH-5 (1'-1.5')

Lab Sample ID: 880-1770-15

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2563	04/30/21 14:57	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 19:21	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 18:40	AJ	XM
Soluble	Leach	DI Leach			2568	04/30/21 15:14	CH	XM
Soluble	Analysis	300.0		5	2662	05/04/21 08:28	WP	XM

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

Lab Sample ID: 880-1770-16

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2563	04/30/21 14:57	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 19:46	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 19:01	AJ	XM
Soluble	Leach	DI Leach			2568	04/30/21 15:14	CH	XM
Soluble	Analysis	300.0		1	2662	05/04/21 08:43	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

Client Sample ID: AH-6 (1'-1.5')

Lab Sample ID: 880-1770-17

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2563	04/30/21 14:57	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 20:11	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 19:22	AJ	XM
Soluble	Leach	DI Leach			2568	04/30/21 15:14	CH	XM
Soluble	Analysis	300.0		1	2662	05/04/21 08:48	WP	XM

Client Sample ID: AH-6 (2'-2.5')

Lab Sample ID: 880-1770-18

Date Collected: 04/28/21 00:00

Matrix: Solid

Date Received: 04/30/21 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2563	04/30/21 14:57	KL	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 20:37	MR	XM
Total/NA	Prep	8015NM Prep			2551	04/30/21 14:09	DM	XM
Total/NA	Analysis	8015B NM		1	2598	05/02/21 19:43	AJ	XM
Soluble	Leach	DI Leach			2568	04/30/21 15:14	CH	XM
Soluble	Analysis	300.0		1	2662	05/04/21 08:53	WP	XM

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy 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

Eurofins Xenco, Midland

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy 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

Eurofins Xenco, Midland

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-1770-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-1770-1	H-N (0"-6")	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-2	H-S (0"-6")	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-3	H-E (0"-6")	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-4	H-W (0"-6")	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-5	AH-1 (0'-1')	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-6	AH-1 (1'-1.5')	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-7	AH-1 (2'-2.5')	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-8	AH-2 (0'-1')	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-9	AH-2 (1'-1.5')	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-10	AH-2 (2'-2.5')	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-11	AH-3 (0'-1')	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-12	AH-3 (1'-1.5')	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-13	AH-4 (0'-1')	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-14	AH-5 (0'-1')	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-15	AH-5 (1'-1.5')	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-16	AH-6 (0'-1')	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-17	AH-6 (1'-1.5')	Solid	04/28/21 00:00	04/30/21 12:43	
880-1770-18	AH-6 (2'-2.5')	Solid	04/28/21 00:00	04/30/21 12:43	

Eurofins Xenco, Midland

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

880-1770 Chain of Custody

Fax (432) 682-3946

Page 1 of 1

880-1770

5/5/2021 (Rev. 1)

Client Name		EOG		Site Manager		Paula Tocora	
Project Name		Stella Blue 30 Fed Com #701H					
Project Location (county, state)		Eddy County, New Mexico		Project #:		212C-MD-02419	
Invoice to		EOG, Attention James Kennedy					
Receiving Laboratory		Eurofins Xenco		Sampler Signature		Colton Bickerstaff	
Comments							

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)	LAB USE ONLY	REMARKS
		DATE	TIME	WATER	SOIL	HCL	HNO ₃				
	H-N (0"-6")	4/28/2021		X				X			
	H-S (0"-6")	4/28/2021		X				X			
	H-E (0"-6")	4/28/2021		X				X			
	H-W (0"-6")	4/28/2021		X				X			
	AH-1 (0'-1')	4/28/2021		X				X			
	AH-1 (1'-1.5')	4/28/2021		X				X			
	AH-1 (2'-2.5')	4/28/2021		X				X			
	AH-2 (0'-1')	4/28/2021		X				X			
	AH-2 (1'-1.5')	4/28/2021		X				X			
	AH-2 (2'-2.5')	4/28/2021		X				X			

Relinquished by	Date	Time	Received by	Date	Time
Colton Bickerstaff	4/30/21	12:35	KG	4/30/21	12:35
Relinquished by	Date	Time	Received by	Date	Time

Relinquished by	Date	Time	Received by	Date	Time

LAB USE ONLY	REMARKS
Sample Temperature 3.1/3.6 +0.5	☒ RUSH Same Day 24 hr 48 hr 72 hr ☐ Rush Charges Authorized ☐ Special Report Limits or TRRP Report

ORIGINAL COPY

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

 4000 N. Big Spring Street, Ste
 401 Midland, Texas 79705
 Tel (432) 682-4559
 Fax (432) 682-3946

Page 2 of 2

Client Name		EOG		Site Manager		Paula Tocora	
Project Name		Stella Blue 30 Fed Com #701H					
Project Location (county, state)		Eddy County, New Mexico		Project #:		212C-MD-02419	
Invoice to		EOG, Attention James Kennedy					
Receiving Laboratory		Eurofins Xenco		Sampler Signature		Colton Bickerstaff	
Comments							

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

LAB USE ONLY	REMARKS
☒ RUSH Same Day 24 hr 48 hr 72 hr ☐ Rush Charges Authorized ☐ Special Report Limits or TRRP Report	ANALYSIS REQUEST (Circle or Specify Method No.) BTEX 8021B 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

ORIGINAL COPY

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 880-1770-1

SDG Number: Eddy County, New Mexico

Login Number: 1770**List Number: 1****Creator: Teel, Brianna****List Source: Eurofins Midland**

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



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-3236-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Stella Blue 30 Fed Com #701H

For:

Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
6/22/2021 5:04:45 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



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: Stella Blue 30 Fed Com #701H

Laboratory Job ID: 880-3236-1
SDG: Eddy Co, NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	27
QC Sample Results	30
QC Association Summary	40
Lab Chronicle	47
Certification Summary	55
Method Summary	56
Sample Summary	57
Chain of Custody	58
Receipt Checklists	62

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

Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
S1-	Surrogate recovery exceeds control limits, low 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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Xenco, Midland

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Job ID: 880-3236-1**Laboratory: Eurofins Xenco, Midland****Narrative****Job Narrative
880-3236-1****Receipt**

The samples were received on 6/21/2021 12:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 6.0°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW10 (880-3236-27) and SW11 (880-3236-28). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-4418 and analytical batch 880-4445 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 samples: BH-1 (880-3236-1), BH-2 (880-3236-2), BH-4 (880-3236-4), BH-5 (880-3236-5), BH-6 (880-3236-6) and BH-9 (880-3236-9). The sample(s) shows evidence of matrix interference.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH-2 (880-3236-2), BH-4 (880-3236-4) and BH-9 (880-3236-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW3 (880-3236-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: The laboratory control sample (LCSD) associated with preparation batch 880-4421 and analytical batch 880-4406 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-1

Lab Sample ID: 880-3236-1

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Method: 8021B - Volatile Organic Compounds (GC) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200		mg/Kg		06/21/21 13:11	06/22/21 11:49	1
Toluene	<0.00200	U F2 F1	0.00200		mg/Kg		06/21/21 13:11	06/22/21 11:49	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		06/21/21 13:11	06/22/21 11:49	1
m-Xylene & p-Xylene	<0.00400	U F2 F1	0.00400		mg/Kg		06/21/21 13:11	06/22/21 11:49	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		06/21/21 13:11	06/22/21 11:49	1
Xylenes, Total	<0.00400	U F2 F1	0.00400		mg/Kg		06/21/21 13:11	06/22/21 11:49	1
Total BTEX	<0.00400	U F2 F1	0.00400		mg/Kg		06/21/21 13:11	06/22/21 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	06/21/21 13:11	06/22/21 11:49	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/21/21 13:11	06/22/21 11:49	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	<49.7	U	49.7		mg/Kg		06/21/21 13:31	06/22/21 00:41	1
Diesel Range Organics (Over C10-C28)	<49.7	U *	49.7		mg/Kg		06/21/21 13:31	06/22/21 00:41	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/21/21 13:31	06/22/21 00:41	1
Total TPH	<49.7	U	49.7		mg/Kg		06/21/21 13:31	06/22/21 00:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	06/21/21 13:31	06/22/21 00:41	1
o-Terphenyl	74		70 - 130	06/21/21 13:31	06/22/21 00:41	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			06/21/21 20:51	1

Client Sample ID: BH-2

Lab Sample ID: 880-3236-2

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:11	06/22/21 12:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:11	06/22/21 12:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:11	06/22/21 12:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/21/21 13:11	06/22/21 12:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:11	06/22/21 12:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/21/21 13:11	06/22/21 12:09	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/21/21 13:11	06/22/21 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	06/21/21 13:11	06/22/21 12:09	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/21/21 13:11	06/22/21 12:09	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		06/21/21 13:31	06/22/21 01:44	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-2

Lab Sample ID: 880-3236-2

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:31	06/22/21 01:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/21/21 13:31	06/22/21 01:44	1
Total TPH	<49.9	U	49.9		mg/Kg		06/21/21 13:31	06/22/21 01:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				06/21/21 13:31	06/22/21 01:44	1
o-Terphenyl	76		70 - 130				06/21/21 13:31	06/22/21 01:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.9		4.99		mg/Kg			06/21/21 21:05	1

Client Sample ID: BH-3

Lab Sample ID: 880-3236-3

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:11	06/22/21 12:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/21/21 13:11	06/22/21 12:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/21/21 13:11	06/22/21 12:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/21/21 13:11	06/22/21 12:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/21/21 13:11	06/22/21 12:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/21/21 13:11	06/22/21 12:29	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		06/21/21 13:11	06/22/21 12:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				06/21/21 13:11	06/22/21 12:29	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/21/21 13:11	06/22/21 12:29	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	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 02:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U *-	50.0		mg/Kg		06/21/21 13:32	06/22/21 02:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 02:05	1
Total TPH	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 02:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				06/21/21 13:32	06/22/21 02:05	1
o-Terphenyl	74		70 - 130				06/21/21 13:32	06/22/21 02:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.0		4.96		mg/Kg			06/21/21 21:10	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-4

Lab Sample ID: 880-3236-4

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:11	06/22/21 12:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:11	06/22/21 12:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:11	06/22/21 12:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/21/21 13:11	06/22/21 12:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:11	06/22/21 12:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/21/21 13:11	06/22/21 12:50	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/21/21 13:11	06/22/21 12:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	06/21/21 13:11	06/22/21 12:50	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/21/21 13:11	06/22/21 12:50	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		06/21/21 13:32	06/22/21 02:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U *	49.8		mg/Kg		06/21/21 13:32	06/22/21 02:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/21/21 13:32	06/22/21 02:26	1
Total TPH	<49.8	U	49.8		mg/Kg		06/21/21 13:32	06/22/21 02:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	06/21/21 13:32	06/22/21 02:26	1
o-Terphenyl	63	S1-	70 - 130	06/21/21 13:32	06/22/21 02:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		4.96		mg/Kg			06/21/21 21:15	1

Client Sample ID: BH-5

Lab Sample ID: 880-3236-5

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:11	06/22/21 13:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/21/21 13:11	06/22/21 13:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/21/21 13:11	06/22/21 13:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/21/21 13:11	06/22/21 13:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/21/21 13:11	06/22/21 13:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/21/21 13:11	06/22/21 13:10	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		06/21/21 13:11	06/22/21 13:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	06/21/21 13:11	06/22/21 13:10	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/21/21 13:11	06/22/21 13:10	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	<49.8	U	49.8		mg/Kg		06/21/21 13:32	06/22/21 02:47	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-5

Lab Sample ID: 880-3236-5

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:32	06/22/21 02:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/21/21 13:32	06/22/21 02:47	1
Total TPH	<49.8	U	49.8		mg/Kg		06/21/21 13:32	06/22/21 02:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/21/21 13:32	06/22/21 02:47	1
o-Terphenyl	85		70 - 130				06/21/21 13:32	06/22/21 02:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.3		4.99		mg/Kg			06/21/21 21:20	1

Client Sample ID: BH-6

Lab Sample ID: 880-3236-6

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:11	06/22/21 13:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:11	06/22/21 13:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:11	06/22/21 13:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/21/21 13:11	06/22/21 13:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:11	06/22/21 13:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/21/21 13:11	06/22/21 13:31	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		06/21/21 13:11	06/22/21 13:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				06/21/21 13:11	06/22/21 13:31	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/21/21 13:11	06/22/21 13:31	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	<49.7	U	49.7		mg/Kg		06/21/21 13:32	06/22/21 03:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U *-	49.7		mg/Kg		06/21/21 13:32	06/22/21 03:08	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/21/21 13:32	06/22/21 03:08	1
Total TPH	<49.7	U	49.7		mg/Kg		06/21/21 13:32	06/22/21 03:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				06/21/21 13:32	06/22/21 03:08	1
o-Terphenyl	74		70 - 130				06/21/21 13:32	06/22/21 03:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.9		5.05		mg/Kg			06/21/21 21:35	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-7

Lab Sample ID: 880-3236-7

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:12	06/22/21 13:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:12	06/22/21 13:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:12	06/22/21 13:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/21/21 13:12	06/22/21 13:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:12	06/22/21 13:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/21/21 13:12	06/22/21 13:51	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/21/21 13:12	06/22/21 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	06/21/21 13:12	06/22/21 13:51	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/21/21 13:12	06/22/21 13:51	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		06/21/21 13:32	06/22/21 03:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0		mg/Kg		06/21/21 13:32	06/22/21 03:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 03:29	1
Total TPH	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 03:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	06/21/21 13:32	06/22/21 03:29	1
o-Terphenyl	69	S1-	70 - 130	06/21/21 13:32	06/22/21 03:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.3		5.03		mg/Kg			06/21/21 21:40	1

Client Sample ID: BH-8

Lab Sample ID: 880-3236-8

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:12	06/22/21 14:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:12	06/22/21 14:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:12	06/22/21 14:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/21/21 13:12	06/22/21 14:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:12	06/22/21 14:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/21/21 13:12	06/22/21 14:11	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/21/21 13:12	06/22/21 14:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	06/21/21 13:12	06/22/21 14:11	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/21/21 13:12	06/22/21 14:11	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		06/21/21 13:32	06/22/21 03:50	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-8

Lab Sample ID: 880-3236-8

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:32	06/22/21 03:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 03:50	1
Total TPH	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 03:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				06/21/21 13:32	06/22/21 03:50	1
o-Terphenyl	83		70 - 130				06/21/21 13:32	06/22/21 03:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.3		5.02		mg/Kg			06/21/21 21:44	1

Client Sample ID: BH-9

Lab Sample ID: 880-3236-9

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:12	06/22/21 14:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/21/21 13:12	06/22/21 14:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/21/21 13:12	06/22/21 14:32	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/21/21 13:12	06/22/21 14:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/21/21 13:12	06/22/21 14:32	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/21/21 13:12	06/22/21 14:32	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		06/21/21 13:12	06/22/21 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				06/21/21 13:12	06/22/21 14:32	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/21/21 13:12	06/22/21 14:32	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	<49.9	U	49.9		mg/Kg		06/21/21 13:32	06/22/21 04:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U *-	49.9		mg/Kg		06/21/21 13:32	06/22/21 04:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/21/21 13:32	06/22/21 04:11	1
Total TPH	<49.9	U	49.9		mg/Kg		06/21/21 13:32	06/22/21 04:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				06/21/21 13:32	06/22/21 04:11	1
o-Terphenyl	71		70 - 130				06/21/21 13:32	06/22/21 04:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	202		5.00		mg/Kg			06/21/21 21:49	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-10

Lab Sample ID: 880-3236-10

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:12	06/22/21 14:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:12	06/22/21 14:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:12	06/22/21 14:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/21/21 13:12	06/22/21 14:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:12	06/22/21 14:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/21/21 13:12	06/22/21 14:52	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/21/21 13:12	06/22/21 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	06/21/21 13:12	06/22/21 14:52	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/21/21 13:12	06/22/21 14:52	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		06/21/21 13:32	06/22/21 04:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9		mg/Kg		06/21/21 13:32	06/22/21 04:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/21/21 13:32	06/22/21 04:32	1
Total TPH	<49.9	U	49.9		mg/Kg		06/21/21 13:32	06/22/21 04:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	06/21/21 13:32	06/22/21 04:32	1
o-Terphenyl	81		70 - 130	06/21/21 13:32	06/22/21 04:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	169		4.98		mg/Kg			06/21/21 21:54	1

Client Sample ID: BH-11

Lab Sample ID: 880-3236-11

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/22/21 08:33	06/22/21 12:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/22/21 08:33	06/22/21 12:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/22/21 08:33	06/22/21 12:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/22/21 08:33	06/22/21 12:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/22/21 08:33	06/22/21 12:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/22/21 08:33	06/22/21 12:17	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/22/21 08:33	06/22/21 12:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/22/21 08:33	06/22/21 12:17	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/22/21 08:33	06/22/21 12:17	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	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 05:13	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-11

Lab Sample ID: 880-3236-11

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:32	06/22/21 05:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 05:13	1
Total TPH	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 05:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				06/21/21 13:32	06/22/21 05:13	1
o-Terphenyl	78		70 - 130				06/21/21 13:32	06/22/21 05:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.3		4.95		mg/Kg			06/21/21 21:59	1

Client Sample ID: BH-12

Lab Sample ID: 880-3236-12

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/22/21 08:33	06/22/21 12:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/22/21 08:33	06/22/21 12:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/22/21 08:33	06/22/21 12:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/22/21 08:33	06/22/21 12:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/22/21 08:33	06/22/21 12:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/22/21 08:33	06/22/21 12:37	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		06/22/21 08:33	06/22/21 12:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/22/21 08:33	06/22/21 12:37	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/22/21 08:33	06/22/21 12:37	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	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 05:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U *-	50.0		mg/Kg		06/21/21 13:32	06/22/21 05:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 05:34	1
Total TPH	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 05:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				06/21/21 13:32	06/22/21 05:34	1
o-Terphenyl	65	S1-	70 - 130				06/21/21 13:32	06/22/21 05:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		5.01		mg/Kg			06/21/21 22:14	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-13

Lab Sample ID: 880-3236-13

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/22/21 08:33	06/22/21 12:58	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/22/21 08:33	06/22/21 12:58	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/22/21 08:33	06/22/21 12:58	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/22/21 08:33	06/22/21 12:58	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/22/21 08:33	06/22/21 12:58	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/22/21 08:33	06/22/21 12:58	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		06/22/21 08:33	06/22/21 12:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	06/22/21 08:33	06/22/21 12:58	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/22/21 08:33	06/22/21 12:58	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		06/21/21 13:32	06/22/21 05:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9		mg/Kg		06/21/21 13:32	06/22/21 05:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/21/21 13:32	06/22/21 05:55	1
Total TPH	<49.9	U	49.9		mg/Kg		06/21/21 13:32	06/22/21 05:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	06/21/21 13:32	06/22/21 05:55	1
o-Terphenyl	71		70 - 130	06/21/21 13:32	06/22/21 05:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.63		5.04		mg/Kg			06/21/21 22:19	1

Client Sample ID: BH-14

Lab Sample ID: 880-3236-14

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/22/21 08:33	06/22/21 13:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/22/21 08:33	06/22/21 13:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/22/21 08:33	06/22/21 13:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/22/21 08:33	06/22/21 13:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/22/21 08:33	06/22/21 13:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/22/21 08:33	06/22/21 13:18	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/22/21 08:33	06/22/21 13:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	06/22/21 08:33	06/22/21 13:18	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/22/21 08:33	06/22/21 13:18	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		06/21/21 13:32	06/22/21 06:16	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-14

Lab Sample ID: 880-3236-14

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:32	06/22/21 06:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 06:16	1
Total TPH	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 06:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/21/21 13:32	06/22/21 06:16	1
o-Terphenyl	68	S1-	70 - 130				06/21/21 13:32	06/22/21 06:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.9		5.03		mg/Kg			06/21/21 22:33	1

Client Sample ID: BH-15

Lab Sample ID: 880-3236-15

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/22/21 08:33	06/22/21 13:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/22/21 08:33	06/22/21 13:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/22/21 08:33	06/22/21 13:38	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/22/21 08:33	06/22/21 13:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/22/21 08:33	06/22/21 13:38	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/22/21 08:33	06/22/21 13:38	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		06/22/21 08:33	06/22/21 13:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/22/21 08:33	06/22/21 13:38	1
1,4-Difluorobenzene (Surr)	94		70 - 130				06/22/21 08:33	06/22/21 13:38	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	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 06:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U *-	50.0		mg/Kg		06/21/21 13:32	06/22/21 06:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 06:38	1
Total TPH	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 06:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				06/21/21 13:32	06/22/21 06:38	1
o-Terphenyl	65	S1-	70 - 130				06/21/21 13:32	06/22/21 06:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.5		5.03		mg/Kg			06/21/21 22:38	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-16

Lab Sample ID: 880-3236-16

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/22/21 08:33	06/22/21 13:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/22/21 08:33	06/22/21 13:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/22/21 08:33	06/22/21 13:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/22/21 08:33	06/22/21 13:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/22/21 08:33	06/22/21 13:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/22/21 08:33	06/22/21 13:59	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		06/22/21 08:33	06/22/21 13:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	06/22/21 08:33	06/22/21 13:59	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/22/21 08:33	06/22/21 13:59	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		06/21/21 13:32	06/22/21 06:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U *	49.8		mg/Kg		06/21/21 13:32	06/22/21 06:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/21/21 13:32	06/22/21 06:59	1
Total TPH	<49.8	U	49.8		mg/Kg		06/21/21 13:32	06/22/21 06:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	06/21/21 13:32	06/22/21 06:59	1
o-Terphenyl	72		70 - 130	06/21/21 13:32	06/22/21 06:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.9		5.03		mg/Kg			06/21/21 22:43	1

Client Sample ID: BH-17

Lab Sample ID: 880-3236-17

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/22/21 08:33	06/22/21 14:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/22/21 08:33	06/22/21 14:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/22/21 08:33	06/22/21 14:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/22/21 08:33	06/22/21 14:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/22/21 08:33	06/22/21 14:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/22/21 08:33	06/22/21 14:19	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/22/21 08:33	06/22/21 14:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/22/21 08:33	06/22/21 14:19	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/22/21 08:33	06/22/21 14:19	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		06/21/21 13:32	06/22/21 07:21	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-17

Lab Sample ID: 880-3236-17

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:32	06/22/21 07:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 07:21	1
Total TPH	<50.0	U	50.0		mg/Kg		06/21/21 13:32	06/22/21 07:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				06/21/21 13:32	06/22/21 07:21	1
o-Terphenyl	60	S1-	70 - 130				06/21/21 13:32	06/22/21 07:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		4.97		mg/Kg			06/21/21 22:48	1

Client Sample ID: SW1

Lab Sample ID: 880-3236-18

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/22/21 08:33	06/22/21 14:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/22/21 08:33	06/22/21 14:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/22/21 08:33	06/22/21 14:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/22/21 08:33	06/22/21 14:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/22/21 08:33	06/22/21 14:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/22/21 08:33	06/22/21 14:39	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		06/22/21 08:33	06/22/21 14:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				06/22/21 08:33	06/22/21 14:39	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/22/21 08:33	06/22/21 14:39	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		06/21/21 13:32	06/22/21 07:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U *-	49.9		mg/Kg		06/21/21 13:32	06/22/21 07:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/21/21 13:32	06/22/21 07:43	1
Total TPH	<49.9	U	49.9		mg/Kg		06/21/21 13:32	06/22/21 07:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				06/21/21 13:32	06/22/21 07:43	1
o-Terphenyl	65	S1-	70 - 130				06/21/21 13:32	06/22/21 07:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.31		4.95		mg/Kg			06/21/21 22:53	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: SW2

Lab Sample ID: 880-3236-19

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/22/21 08:33	06/22/21 15:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/22/21 08:33	06/22/21 15:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/22/21 08:33	06/22/21 15:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/22/21 08:33	06/22/21 15:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/22/21 08:33	06/22/21 15:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/22/21 08:33	06/22/21 15:00	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		06/22/21 08:33	06/22/21 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	06/22/21 08:33	06/22/21 15:00	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/22/21 08:33	06/22/21 15:00	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		06/21/21 13:32	06/22/21 08:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9		mg/Kg		06/21/21 13:32	06/22/21 08:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/21/21 13:32	06/22/21 08:04	1
Total TPH	<49.9	U	49.9		mg/Kg		06/21/21 13:32	06/22/21 08:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	06/21/21 13:32	06/22/21 08:04	1
o-Terphenyl	72		70 - 130	06/21/21 13:32	06/22/21 08:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.97		5.00		mg/Kg			06/21/21 22:58	1

Client Sample ID: SW3

Lab Sample ID: 880-3236-20

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/22/21 08:33	06/22/21 15:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/22/21 08:33	06/22/21 15:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/22/21 08:33	06/22/21 15:20	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/22/21 08:33	06/22/21 15:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/22/21 08:33	06/22/21 15:20	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/22/21 08:33	06/22/21 15:20	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		06/22/21 08:33	06/22/21 15:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	06/22/21 08:33	06/22/21 15:20	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/22/21 08:33	06/22/21 15:20	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	<49.8	U	49.8		mg/Kg		06/21/21 13:32	06/22/21 08:24	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: SW3

Lab Sample ID: 880-3236-20

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:32	06/22/21 08:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/21/21 13:32	06/22/21 08:24	1
Total TPH	<49.8	U	49.8		mg/Kg		06/21/21 13:32	06/22/21 08:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				06/21/21 13:32	06/22/21 08:24	1
o-Terphenyl	79		70 - 130				06/21/21 13:32	06/22/21 08:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.1		5.01		mg/Kg			06/21/21 23:03	1

Client Sample ID: SW4

Lab Sample ID: 880-3236-21

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F2 F1 *- *1	0.00199		mg/Kg		06/21/21 13:18	06/22/21 06:51	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		06/21/21 13:18	06/22/21 06:51	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		06/21/21 13:18	06/22/21 06:51	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		06/21/21 13:18	06/22/21 06:51	1
o-Xylene	<0.00199	U F2 F1 *- *1	0.00199		mg/Kg		06/21/21 13:18	06/22/21 06:51	1
Xylenes, Total	<0.00398	U F1 *- *1	0.00398		mg/Kg		06/21/21 13:18	06/22/21 06:51	1
Total BTEX	<0.00398	U F1 *- *1	0.00398		mg/Kg		06/21/21 13:18	06/22/21 06:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/21/21 13:18	06/22/21 06:51	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/21/21 13:18	06/22/21 06:51	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	<49.7	U	49.7		mg/Kg		06/21/21 13:47	06/22/21 00:41	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/21/21 13:47	06/22/21 00:41	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/21/21 13:47	06/22/21 00:41	1
Total TPH	<49.7	U	49.7		mg/Kg		06/21/21 13:47	06/22/21 00:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				06/21/21 13:47	06/22/21 00:41	1
o-Terphenyl	87		70 - 130				06/21/21 13:47	06/22/21 00:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.4		4.98		mg/Kg			06/21/21 18:49	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: SW5

Lab Sample ID: 880-3236-22

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		06/21/21 13:18	06/22/21 07:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:18	06/22/21 07:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:18	06/22/21 07:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/21/21 13:18	06/22/21 07:11	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		06/21/21 13:18	06/22/21 07:11	1
Xylenes, Total	<0.00399	U *- *1	0.00399		mg/Kg		06/21/21 13:18	06/22/21 07:11	1
Total BTEX	<0.00399	U *- *1	0.00399		mg/Kg		06/21/21 13:18	06/22/21 07:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/21/21 13:18	06/22/21 07:11	1
1,4-Difluorobenzene (Surr)	114		70 - 130	06/21/21 13:18	06/22/21 07:11	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		06/21/21 13:47	06/22/21 01:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/21/21 13:47	06/22/21 01:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/21/21 13:47	06/22/21 01:44	1
Total TPH	<49.9	U	49.9		mg/Kg		06/21/21 13:47	06/22/21 01:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	06/21/21 13:47	06/22/21 01:44	1
o-Terphenyl	96		70 - 130	06/21/21 13:47	06/22/21 01:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.8		5.00		mg/Kg			06/21/21 19:03	1

Client Sample ID: SW6

Lab Sample ID: 880-3236-23

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		06/21/21 13:18	06/22/21 07:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:18	06/22/21 07:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:18	06/22/21 07:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/21/21 13:18	06/22/21 07:32	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		06/21/21 13:18	06/22/21 07:32	1
Xylenes, Total	<0.00400	U *- *1	0.00400		mg/Kg		06/21/21 13:18	06/22/21 07:32	1
Total BTEX	<0.00400	U *- *1	0.00400		mg/Kg		06/21/21 13:18	06/22/21 07:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	06/21/21 13:18	06/22/21 07:32	1
1,4-Difluorobenzene (Surr)	115		70 - 130	06/21/21 13:18	06/22/21 07:32	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	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 02:05	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: SW6

Lab Sample ID: 880-3236-23

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:47	06/22/21 02:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 02:05	1
Total TPH	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 02:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/21/21 13:47	06/22/21 02:05	1
o-Terphenyl	103		70 - 130				06/21/21 13:47	06/22/21 02:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.4		5.00		mg/Kg			06/21/21 19:08	1

Client Sample ID: SW7

Lab Sample ID: 880-3236-24

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		06/21/21 13:18	06/22/21 07:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:18	06/22/21 07:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:18	06/22/21 07:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/21/21 13:18	06/22/21 07:53	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		06/21/21 13:18	06/22/21 07:53	1
Xylenes, Total	<0.00400	U *- *1	0.00400		mg/Kg		06/21/21 13:18	06/22/21 07:53	1
Total BTEX	<0.00400	U *- *1	0.00400		mg/Kg		06/21/21 13:18	06/22/21 07:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/21/21 13:18	06/22/21 07:53	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/21/21 13:18	06/22/21 07:53	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		06/21/21 13:47	06/22/21 02:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/21/21 13:47	06/22/21 02:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/21/21 13:47	06/22/21 02:26	1
Total TPH	<49.8	U	49.8		mg/Kg		06/21/21 13:47	06/22/21 02:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				06/21/21 13:47	06/22/21 02:26	1
o-Terphenyl	73		70 - 130				06/21/21 13:47	06/22/21 02:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1		4.96		mg/Kg			06/21/21 19:13	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: SW8

Lab Sample ID: 880-3236-25

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *- *1	0.00198		mg/Kg		06/21/21 13:18	06/22/21 08:14	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/21/21 13:18	06/22/21 08:14	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/21/21 13:18	06/22/21 08:14	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/21/21 13:18	06/22/21 08:14	1
o-Xylene	<0.00198	U *- *1	0.00198		mg/Kg		06/21/21 13:18	06/22/21 08:14	1
Xylenes, Total	<0.00397	U *- *1	0.00397		mg/Kg		06/21/21 13:18	06/22/21 08:14	1
Total BTEX	<0.00397	U *- *1	0.00397		mg/Kg		06/21/21 13:18	06/22/21 08:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	06/21/21 13:18	06/22/21 08:14	1
1,4-Difluorobenzene (Surr)	120		70 - 130	06/21/21 13:18	06/22/21 08:14	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		06/21/21 13:47	06/22/21 02:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/21/21 13:47	06/22/21 02:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/21/21 13:47	06/22/21 02:47	1
Total TPH	<49.8	U	49.8		mg/Kg		06/21/21 13:47	06/22/21 02:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	06/21/21 13:47	06/22/21 02:47	1
o-Terphenyl	96		70 - 130	06/21/21 13:47	06/22/21 02:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.8		4.99		mg/Kg			06/21/21 19:18	1

Client Sample ID: SW9

Lab Sample ID: 880-3236-26

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		06/21/21 13:18	06/22/21 08:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:18	06/22/21 08:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:18	06/22/21 08:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/21/21 13:18	06/22/21 08:34	1
o-Xylene	<0.00199	U *- *1	0.00199		mg/Kg		06/21/21 13:18	06/22/21 08:34	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		06/21/21 13:18	06/22/21 08:34	1
Total BTEX	<0.00398	U *- *1	0.00398		mg/Kg		06/21/21 13:18	06/22/21 08:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	06/21/21 13:18	06/22/21 08:34	1
1,4-Difluorobenzene (Surr)	122		70 - 130	06/21/21 13:18	06/22/21 08:34	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	<49.7	U	49.7		mg/Kg		06/21/21 13:47	06/22/21 03:08	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: SW9

Lab Sample ID: 880-3236-26

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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)	<49.7	U	49.7		mg/Kg		06/21/21 13:47	06/22/21 03:08	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/21/21 13:47	06/22/21 03:08	1
Total TPH	<49.7	U	49.7		mg/Kg		06/21/21 13:47	06/22/21 03:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				06/21/21 13:47	06/22/21 03:08	1
o-Terphenyl	103		70 - 130				06/21/21 13:47	06/22/21 03:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		5.04		mg/Kg			06/21/21 19:33	1

Client Sample ID: SW10

Lab Sample ID: 880-3236-27

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		06/21/21 13:18	06/22/21 08:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:18	06/22/21 08:55	1
Ethylbenzene	0.00338		0.00200		mg/Kg		06/21/21 13:18	06/22/21 08:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/21/21 13:18	06/22/21 08:55	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		06/21/21 13:18	06/22/21 08:55	1
Xylenes, Total	<0.00401	U *- *1	0.00401		mg/Kg		06/21/21 13:18	06/22/21 08:55	1
Total BTEX	<0.00401	U *- *1	0.00401		mg/Kg		06/21/21 13:18	06/22/21 08:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				06/21/21 13:18	06/22/21 08:55	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/21/21 13:18	06/22/21 08:55	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	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 03:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 03:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 03:29	1
Total TPH	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 03:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				06/21/21 13:47	06/22/21 03:29	1
o-Terphenyl	94		70 - 130				06/21/21 13:47	06/22/21 03:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		5.03		mg/Kg			06/21/21 19:37	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: SW11

Lab Sample ID: 880-3236-28

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		06/21/21 13:18	06/22/21 09:16	1
Toluene	0.00237		0.00200		mg/Kg		06/21/21 13:18	06/22/21 09:16	1
Ethylbenzene	0.00320		0.00200		mg/Kg		06/21/21 13:18	06/22/21 09:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/21/21 13:18	06/22/21 09:16	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		06/21/21 13:18	06/22/21 09:16	1
Xylenes, Total	<0.00399	U *- *1	0.00399		mg/Kg		06/21/21 13:18	06/22/21 09:16	1
Total BTEX	0.00557	*- *1	0.00399		mg/Kg		06/21/21 13:18	06/22/21 09:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	06/21/21 13:18	06/22/21 09:16	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/21/21 13:18	06/22/21 09:16	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	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 03:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 03:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 03:50	1
Total TPH	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 03:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	06/21/21 13:47	06/22/21 03:50	1
o-Terphenyl	100		70 - 130	06/21/21 13:47	06/22/21 03:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.7		5.04		mg/Kg			06/21/21 19:42	1

Client Sample ID: SW12

Lab Sample ID: 880-3236-29

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *- *1	0.00202		mg/Kg		06/21/21 13:18	06/22/21 09:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/21/21 13:18	06/22/21 09:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/21/21 13:18	06/22/21 09:36	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/21/21 13:18	06/22/21 09:36	1
o-Xylene	<0.00202	U *- *1	0.00202		mg/Kg		06/21/21 13:18	06/22/21 09:36	1
Xylenes, Total	<0.00403	U *- *1	0.00403		mg/Kg		06/21/21 13:18	06/22/21 09:36	1
Total BTEX	<0.00403	U *- *1	0.00403		mg/Kg		06/21/21 13:18	06/22/21 09:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/21/21 13:18	06/22/21 09:36	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/21/21 13:18	06/22/21 09:36	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		06/21/21 13:47	06/22/21 04:11	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: SW12

Lab Sample ID: 880-3236-29

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:47	06/22/21 04:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/21/21 13:47	06/22/21 04:11	1
Total TPH	<49.9	U	49.9		mg/Kg		06/21/21 13:47	06/22/21 04:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				06/21/21 13:47	06/22/21 04:11	1
o-Terphenyl	112		70 - 130				06/21/21 13:47	06/22/21 04:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.6		4.97		mg/Kg			06/21/21 19:47	1

Client Sample ID: SW13

Lab Sample ID: 880-3236-30

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		06/21/21 13:18	06/22/21 09:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:18	06/22/21 09:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:18	06/22/21 09:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/21/21 13:18	06/22/21 09:57	1
o-Xylene	0.00301	*- *1	0.00199		mg/Kg		06/21/21 13:18	06/22/21 09:57	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		06/21/21 13:18	06/22/21 09:57	1
Total BTEX	<0.00398	U *- *1	0.00398		mg/Kg		06/21/21 13:18	06/22/21 09:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/21/21 13:18	06/22/21 09:57	1
1,4-Difluorobenzene (Surr)	104		70 - 130				06/21/21 13:18	06/22/21 09:57	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	<49.9	U	49.9		mg/Kg		06/21/21 13:47	06/22/21 04:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/21/21 13:47	06/22/21 04:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/21/21 13:47	06/22/21 04:32	1
Total TPH	<49.9	U	49.9		mg/Kg		06/21/21 13:47	06/22/21 04:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				06/21/21 13:47	06/22/21 04:32	1
o-Terphenyl	111		70 - 130				06/21/21 13:47	06/22/21 04:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.8		4.96		mg/Kg			06/21/21 19:52	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: SW14

Lab Sample ID: 880-3236-31

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		06/21/21 13:18	06/22/21 11:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:18	06/22/21 11:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/21/21 13:18	06/22/21 11:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/21/21 13:18	06/22/21 11:19	1
o-Xylene	<0.00199	U *- *1	0.00199		mg/Kg		06/21/21 13:18	06/22/21 11:19	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		06/21/21 13:18	06/22/21 11:19	1
Total BTEX	<0.00398	U *- *1	0.00398		mg/Kg		06/21/21 13:18	06/22/21 11:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/21/21 13:18	06/22/21 11:19	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/21/21 13:18	06/22/21 11:19	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		06/21/21 13:47	06/22/21 05:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 05:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 05:13	1
Total TPH	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 05:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	06/21/21 13:47	06/22/21 05:13	1
o-Terphenyl	113		70 - 130	06/21/21 13:47	06/22/21 05:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.7		5.01		mg/Kg			06/21/21 19:57	1

Client Sample ID: SW15

Lab Sample ID: 880-3236-32

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		06/21/21 13:18	06/22/21 11:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:18	06/22/21 11:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:18	06/22/21 11:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/21/21 13:18	06/22/21 11:40	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		06/21/21 13:18	06/22/21 11:40	1
Xylenes, Total	<0.00399	U *- *1	0.00399		mg/Kg		06/21/21 13:18	06/22/21 11:40	1
Total BTEX	<0.00399	U *- *1	0.00399		mg/Kg		06/21/21 13:18	06/22/21 11:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/21/21 13:18	06/22/21 11:40	1
1,4-Difluorobenzene (Surr)	114		70 - 130	06/21/21 13:18	06/22/21 11:40	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		06/21/21 13:47	06/22/21 05:34	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: SW15

Lab Sample ID: 880-3236-32

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

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		06/21/21 13:47	06/22/21 05:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 05:34	1
Total TPH	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/22/21 05:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				06/21/21 13:47	06/22/21 05:34	1
o-Terphenyl	94		70 - 130				06/21/21 13:47	06/22/21 05:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.81		5.04		mg/Kg			06/21/21 20:12	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-3236-1 - DL2	BH-1	116	93
880-3236-1 MS	BH-1	113	96
880-3236-1 MSD	BH-1	122	92
880-3236-2	BH-2	142 S1+	93
880-3236-3	BH-3	118	101
880-3236-4	BH-4	132 S1+	88
880-3236-5	BH-5	127	92
880-3236-6	BH-6	127	96
880-3236-7	BH-7	118	99
880-3236-8	BH-8	119	100
880-3236-9	BH-9	136 S1+	96
880-3236-10	BH-10	117	99
880-3236-11	BH-11	98	98
880-3236-11 MS	BH-11	129	117
880-3236-11 MSD	BH-11	110	106
880-3236-12	BH-12	105	90
880-3236-13	BH-13	118	94
880-3236-14	BH-14	97	96
880-3236-15	BH-15	103	94
880-3236-16	BH-16	92	90
880-3236-17	BH-17	102	94
880-3236-18	SW1	95	99
880-3236-19	SW2	89	97
880-3236-20	SW3	92	95
880-3236-21	SW4	104	102
880-3236-21 MS	SW4	100	87
880-3236-21 MSD	SW4	106	75
880-3236-22	SW5	105	114
880-3236-23	SW6	111	115
880-3236-24	SW7	109	95
880-3236-25	SW8	125	120
880-3236-26	SW9	126	122
880-3236-27	SW10	128	96
880-3236-28	SW11	118	98
880-3236-29	SW12	100	100
880-3236-30	SW13	109	104
880-3236-31	SW14	101	98
880-3236-32	SW15	115	114
LCS 880-4418/1-A	Lab Control Sample	109	97
LCS 880-4419/1-A	Lab Control Sample	102	104
LCS 880-4446/1-A	Lab Control Sample	108	101
LCSD 880-4419/2-A	Lab Control Sample Dup	111	111
LCSD 880-4446/2-A	Lab Control Sample Dup	113	104
MB 880-4418/5-A	Method Blank	114	91
MB 880-4419/5-A	Method Blank	108	88
MB 880-4428/9	Method Blank	111	101
MB 880-4446/5-A	Method Blank	92	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Eurofins Xenco, Midland

Surrogate Summary

Client: Tetra Tech, Inc.
 Project/Site: Stella Blue 30 Fed Com #701H
 DFBZ = 1,4-Difluorobenzene (Surr)

Job ID: 880-3236-1
 SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
LCSD 880-4418/2-A	Lab Control Sample Dup		
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-3236-1	BH-1	86	74
880-3236-1 MS	BH-1	86	68 S1-
880-3236-1 MSD	BH-1	87	69 S1-
880-3236-2	BH-2	87	76
880-3236-3	BH-3	89	74
880-3236-4	BH-4	77	63 S1-
880-3236-5	BH-5	99	85
880-3236-6	BH-6	86	74
880-3236-7	BH-7	80	69 S1-
880-3236-8	BH-8	91	83
880-3236-9	BH-9	82	71
880-3236-10	BH-10	90	81
880-3236-11	BH-11	88	78
880-3236-12	BH-12	78	65 S1-
880-3236-13	BH-13	84	71
880-3236-14	BH-14	81	68 S1-
880-3236-15	BH-15	78	65 S1-
880-3236-16	BH-16	87	72
880-3236-17	BH-17	74	60 S1-
880-3236-18	SW1	80	65 S1-
880-3236-19	SW2	82	72
880-3236-20	SW3	98	79
880-3236-21	SW4	91	87
880-3236-21 MS	SW4	94	83
880-3236-21 MSD	SW4	96	82
880-3236-22	SW5	99	96
880-3236-23	SW6	99	103
880-3236-24	SW7	76	73
880-3236-25	SW8	98	96
880-3236-26	SW9	101	103
880-3236-27	SW10	96	94
880-3236-28	SW11	99	100
880-3236-29	SW12	109	112
880-3236-30	SW13	106	111
880-3236-31	SW14	107	113
880-3236-32	SW15	96	94
LCS 880-4421/2-A	Lab Control Sample	80	65 S1-

Eurofins Xenco, Midland

Surrogate Summary

Client: Tetra Tech, Inc.

Job ID: 880-3236-1

Project/Site: Stella Blue 30 Fed Com #701H

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
LCS 880-4422/2-A	Lab Control Sample	96	90
LCSD 880-4421/3-A	Lab Control Sample Dup	76	63 S1-
LCSD 880-4422/3-A	Lab Control Sample Dup	95	88
MB 880-4421/1-A	Method Blank	75	67 S1-
MB 880-4422/1-A	Method Blank	81	82
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-4418/5-A

Matrix: Solid

Analysis Batch: 4445

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4418

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:11	06/22/21 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:11	06/22/21 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:11	06/22/21 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/21/21 13:11	06/22/21 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:11	06/22/21 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/21/21 13:11	06/22/21 11:20	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		06/21/21 13:11	06/22/21 11:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/21/21 13:11	06/22/21 11:20	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/21/21 13:11	06/22/21 11:20	1

Lab Sample ID: LCS 880-4418/1-A

Matrix: Solid

Analysis Batch: 4445

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4418

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09076		mg/Kg		91	70 - 130
Toluene	0.100	0.1052		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.1066		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.2235		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1124		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-4418/2-A

Matrix: Solid

Analysis Batch: 4445

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 4418

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09727		mg/Kg					
Toluene	0.100	0.1169		mg/Kg					
Ethylbenzene	0.100	0.1171		mg/Kg					
m-Xylene & p-Xylene	0.200	0.2436		mg/Kg					
o-Xylene	0.100	0.1217		mg/Kg					

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

Lab Sample ID: 880-3236-1 MS

Matrix: Solid

Analysis Batch: 4445

Client Sample ID: BH-1

Prep Type: Total/NA

Prep Batch: 4418

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F2 F1	0.101	0.04454	F1	mg/Kg		44	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-3236-1 MS

Matrix: Solid

Analysis Batch: 4445

Client Sample ID: BH-1

Prep Type: Total/NA

Prep Batch: 4418

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00200	U F2 F1	0.101	0.05320	F1	mg/Kg		53	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.101	0.05541	F1	mg/Kg		55	70 - 130
m-Xylene & p-Xylene	<0.00400	U F2 F1	0.201	0.1201	F1	mg/Kg		60	70 - 130
o-Xylene	<0.00200	U F2 F1	0.101	0.06298	F1	mg/Kg		63	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-3236-1 MSD

Matrix: Solid

Analysis Batch: 4445

Client Sample ID: BH-1

Prep Type: Total/NA

Prep Batch: 4418

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.0996	0.01829	F2 F1	mg/Kg		18	70 - 130	84	35
Toluene	<0.00200	U F2 F1	0.0996	0.02424	F2 F1	mg/Kg		24	70 - 130	75	35
Ethylbenzene	<0.00200	U F2 F1	0.0996	0.02638	F2 F1	mg/Kg		26	70 - 130	71	35
m-Xylene & p-Xylene	<0.00400	U F2 F1	0.199	0.06045	F2 F1	mg/Kg		30	70 - 130	66	35
o-Xylene	<0.00200	U F2 F1	0.0996	0.03426	F2 F1	mg/Kg		34	70 - 130	59	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: MB 880-4419/5-A

Matrix: Solid

Analysis Batch: 4428

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4419

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:18	06/22/21 06:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:18	06/22/21 06:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:18	06/22/21 06:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/21/21 13:18	06/22/21 06:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/21/21 13:18	06/22/21 06:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/21/21 13:18	06/22/21 06:29	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		06/21/21 13:18	06/22/21 06:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/21/21 13:18	06/22/21 06:29	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/21/21 13:18	06/22/21 06:29	1

Lab Sample ID: LCS 880-4419/1-A

Matrix: Solid

Analysis Batch: 4428

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.001247	J *	mg/Kg		1	70 - 130
Toluene	0.100	0.1017		mg/Kg		102	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-4419/1-A

Matrix: Solid

Analysis Batch: 4428

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.09610		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1710		mg/Kg		85	70 - 130
o-Xylene	0.100	0.0005298	J *	mg/Kg		0.5	70 - 130

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

Lab Sample ID: LCSD 880-4419/2-A

Matrix: Solid

Analysis Batch: 4428

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 4419

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1127	*1	mg/Kg		113	70 - 130	196	35
Toluene	0.100	0.1110		mg/Kg		111	70 - 130	9	35
Ethylbenzene	0.100	0.1048		mg/Kg		105	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1920		mg/Kg		96	70 - 130	12	35
o-Xylene	0.100	0.1119	*1	mg/Kg		112	70 - 130	198	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-3236-21 MS

Matrix: Solid

Analysis Batch: 4428

Client Sample ID: SW4

Prep Type: Total/NA

Prep Batch: 4419

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F2 F1 *- *1	0.100	0.03064	F1	mg/Kg		31	70 - 130
Toluene	<0.00199	U F1	0.100	0.04591	F1	mg/Kg		46	70 - 130
Ethylbenzene	<0.00199	U F1	0.100	0.04235	F1	mg/Kg		42	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.07619	F1	mg/Kg		38	70 - 130
o-Xylene	<0.00199	U F2 F1 *- *1	0.100	<0.00200	U F1	mg/Kg		0.6	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 880-3236-21 MSD

Matrix: Solid

Analysis Batch: 4428

Client Sample ID: SW4

Prep Type: Total/NA

Prep Batch: 4419

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00199	U F2 F1 *- *1	0.0998	<0.00200	U F2 F1	mg/Kg		0.7	70 - 130	192	35
Toluene	<0.00199	U F1	0.0998	0.05044	F1	mg/Kg		51	70 - 130	9	35
Ethylbenzene	<0.00199	U F1	0.0998	0.05463	F1	mg/Kg		55	70 - 130	25	35

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-3236-21 MSD

Matrix: Solid

Analysis Batch: 4428

Client Sample ID: SW4

Prep Type: Total/NA

Prep Batch: 4419

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1020	F1	mg/Kg		51	70 - 130	29	35
o-Xylene	<0.00199	U F2 F1 *- *1	0.0998	0.002640	F2 F1	mg/Kg		3	70 - 130	128	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	106		70 - 130								
1,4-Difluorobenzene (Surr)	75		70 - 130								

Lab Sample ID: MB 880-4428/9

Matrix: Solid

Analysis Batch: 4428

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			06/21/21 19:31	1
Toluene	<0.00200	U	0.00200		mg/Kg			06/21/21 19:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			06/21/21 19:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			06/21/21 19:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			06/21/21 19:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			06/21/21 19:31	1
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/21/21 19:31	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130					06/21/21 19:31	1
1,4-Difluorobenzene (Surr)	101		70 - 130					06/21/21 19:31	1

Lab Sample ID: MB 880-4446/5-A

Matrix: Solid

Analysis Batch: 4447

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4446

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/22/21 08:33	06/22/21 11:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/22/21 08:33	06/22/21 11:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/22/21 08:33	06/22/21 11:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/22/21 08:33	06/22/21 11:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/22/21 08:33	06/22/21 11:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/22/21 08:33	06/22/21 11:55	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		06/22/21 08:33	06/22/21 11:55	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				06/22/21 08:33	06/22/21 11:55	1
1,4-Difluorobenzene (Surr)	94		70 - 130				06/22/21 08:33	06/22/21 11:55	1

Lab Sample ID: LCS 880-4446/1-A

Matrix: Solid

Analysis Batch: 4447

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4446

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1065		mg/Kg		106	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-4446/1-A

Matrix: Solid

Analysis Batch: 4447

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4446

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	0.100	0.09853		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.09988		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2170		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1077		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-4446/2-A

Matrix: Solid

Analysis Batch: 4447

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 4446

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1140		mg/Kg		114	70 - 130	7	35
Toluene	0.100	0.1052		mg/Kg		105	70 - 130	7	35
Ethylbenzene	0.100	0.1067		mg/Kg		107	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2318		mg/Kg		116	70 - 130	7	35
o-Xylene	0.100	0.1154		mg/Kg		115	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-3236-11 MS

Matrix: Solid

Analysis Batch: 4447

Client Sample ID: BH-11

Prep Type: Total/NA

Prep Batch: 4446

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.0998	0.1024		mg/Kg		103	70 - 130
Toluene	<0.00199	U	0.0998	0.09467		mg/Kg		94	70 - 130
Ethylbenzene	<0.00199	U	0.0998	0.09394		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2043		mg/Kg		102	70 - 130
o-Xylene	<0.00199	U	0.0998	0.1025		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: 880-3236-11 MSD

Matrix: Solid

Analysis Batch: 4447

Client Sample ID: BH-11

Prep Type: Total/NA

Prep Batch: 4446

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0998	0.09101		mg/Kg		91	70 - 130	12	35
Toluene	<0.00199	U	0.0998	0.08367		mg/Kg		83	70 - 130	12	35
Ethylbenzene	<0.00199	U	0.0998	0.08234		mg/Kg		83	70 - 130	13	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1779		mg/Kg		89	70 - 130	14	35

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-3236-11 MSD

Matrix: Solid

Analysis Batch: 4447

Client Sample ID: BH-11

Prep Type: Total/NA

Prep Batch: 4446

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
o-Xylene	<0.00199	U	0.0998	0.08865		mg/Kg		89	70 - 130	14	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	110		70 - 130								
1,4-Difluorobenzene (Surr)	106		70 - 130								

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

Lab Sample ID: MB 880-4421/1-A

Matrix: Solid

Analysis Batch: 4406

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4421

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		06/21/21 13:31	06/21/21 23:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/21/21 13:31	06/21/21 23:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/21/21 13:31	06/21/21 23:38	1
Total TPH	<50.0	U	50.0		mg/Kg		06/21/21 13:31	06/21/21 23:38	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				06/21/21 13:31	06/21/21 23:38	1
o-Terphenyl	67	S1-	70 - 130				06/21/21 13:31	06/21/21 23:38	1

Lab Sample ID: LCS 880-4421/2-A

Matrix: Solid

Analysis Batch: 4406

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4421

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	825.8		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	714.0		mg/Kg		71	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	80		70 - 130						
o-Terphenyl	65	S1-	70 - 130						

Lab Sample ID: LCSD 880-4421/3-A

Matrix: Solid

Analysis Batch: 4406

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 4421

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	794.1		mg/Kg		79	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	681.8	*-	mg/Kg		68	70 - 130	5	20

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-4421/3-A

Matrix: Solid

Analysis Batch: 4406

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 4421

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	76		70 - 130
o-Terphenyl	63	S1-	70 - 130

Lab Sample ID: 880-3236-1 MS

Matrix: Solid

Analysis Batch: 4406

Client Sample ID: BH-1

Prep Type: Total/NA

Prep Batch: 4421

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	999	866.1		mg/Kg		87	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.7	U *	999	848.4		mg/Kg		83	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	86		70 - 130							
o-Terphenyl	68	S1-	70 - 130							

Lab Sample ID: 880-3236-1 MSD

Matrix: Solid

Analysis Batch: 4406

Client Sample ID: BH-1

Prep Type: Total/NA

Prep Batch: 4421

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	997	954.3		mg/Kg		96	70 - 130	10	20	
Diesel Range Organics (Over C10-C28)	<49.7	U *	997	859.2		mg/Kg		84	70 - 130	1	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	87		70 - 130									
o-Terphenyl	69	S1-	70 - 130									

Lab Sample ID: MB 880-4422/1-A

Matrix: Solid

Analysis Batch: 4415

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4422

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/21/21 23:38	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/21/21 23:38	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/21/21 23:38	1		
Total TPH	<50.0	U	50.0		mg/Kg		06/21/21 13:47	06/21/21 23:38	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	81		70 - 130				06/21/21 13:47	06/21/21 23:38	1		
o-Terphenyl	82		70 - 130				06/21/21 13:47	06/21/21 23:38	1		

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-4422/2-A

Matrix: Solid

Analysis Batch: 4415

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4422

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	933.3		mg/Kg		93		70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1033		mg/Kg		103		70 - 130		

Lab Sample ID: LCSD 880-4422/3-A

Matrix: Solid

Analysis Batch: 4415

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 4422

			Spike	LCSD	LCSD				%Rec.			RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	928.6		mg/Kg		93	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)			1000	1015		mg/Kg		102	70 - 130	2	20	
			LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	95		70 - 130									
o-Terphenyl	88		70 - 130									

Lab Sample ID: 880-3236-21 MS

Matrix: Solid

Analysis Batch: 4415

Client Sample ID: SW4

Prep Type: Total/NA

Prep Batch: 4422

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	999	942.1		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.7	U	999	1127		mg/Kg		111	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	94		70 - 130								
o-Terphenyl	83		70 - 130								

Lab Sample ID: 880-3236-21 MSD

Matrix: Solid

Analysis Batch: 4415

Client Sample ID: SW4

Prep Type: Total/NA

Prep Batch: 4422

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	997	1035		mg/Kg		101	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<49.7	U	997	1132		mg/Kg		111	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	96		70 - 130								

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-3236-21 MSD

Matrix: Solid

Analysis Batch: 4415

Client Sample ID: SW4

Prep Type: Total/NA

Prep Batch: 4422

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	82		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-4423/1-A

Matrix: Solid

Analysis Batch: 4434

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			06/21/21 20:36		1

Lab Sample ID: LCS 880-4423/2-A

Matrix: Solid

Analysis Batch: 4434

Client Sample ID: Lab Control Sample

Prep Type: Soluble

			Spike	LCS	LCS				%Rec.	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride			250	230.9		mg/Kg		92	90 - 110	

Lab Sample ID: LCSD 880-4423/3-A

Matrix: Solid

Analysis Batch: 4434

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

			Spike	LCSD	LCSD				%Rec.		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	231.3		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-3236-1 MS

Matrix: Solid

Analysis Batch: 4434

Client Sample ID: BH-1

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	87.2		252	323.0		mg/Kg		94	90 - 110		

Lab Sample ID: 880-3236-1 MSD

Matrix: Solid

Analysis Batch: 4434

Client Sample ID: BH-1

Prep Type: Soluble

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	87.2		252	322.6		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-3236-11 MS

Matrix: Solid

Analysis Batch: 4434

Client Sample ID: BH-11

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	38.3		248	267.7		mg/Kg		93	90 - 110		

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-3236-11 MSD

Matrix: Solid

Analysis Batch: 4434

Client Sample ID: BH-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	38.3		248	268.0		mg/Kg		93	90 - 110	0	20

Lab Sample ID: MB 880-4427/1-A

Matrix: Solid

Analysis Batch: 4435

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			06/21/21 18:34	1

Lab Sample ID: LCS 880-4427/2-A

Matrix: Solid

Analysis Batch: 4435

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	230.3		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-4427/3-A

Matrix: Solid

Analysis Batch: 4435

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	231.0		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 880-3236-21 MS

Matrix: Solid

Analysis Batch: 4435

Client Sample ID: SW4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	12.4		249	249.3		mg/Kg		95	90 - 110

Lab Sample ID: 880-3236-21 MSD

Matrix: Solid

Analysis Batch: 4435

Client Sample ID: SW4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	12.4		249	249.7		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-3236-31 MS

Matrix: Solid

Analysis Batch: 4435

Client Sample ID: SW14

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	41.7		251	274.6		mg/Kg		93	90 - 110

Lab Sample ID: 880-3236-31 MSD

Matrix: Solid

Analysis Batch: 4435

Client Sample ID: SW14

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	41.7		251	274.9		mg/Kg		93	90 - 110	0	20

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 4418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-1 - DL2	BH-1	Total/NA	Solid	5035	
880-3236-2	BH-2	Total/NA	Solid	5035	
880-3236-3	BH-3	Total/NA	Solid	5035	
880-3236-4	BH-4	Total/NA	Solid	5035	
880-3236-5	BH-5	Total/NA	Solid	5035	
880-3236-6	BH-6	Total/NA	Solid	5035	
880-3236-7	BH-7	Total/NA	Solid	5035	
880-3236-8	BH-8	Total/NA	Solid	5035	
880-3236-9	BH-9	Total/NA	Solid	5035	
880-3236-10	BH-10	Total/NA	Solid	5035	
MB 880-4418/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-4418/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-4418/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-3236-1 MS	BH-1	Total/NA	Solid	5035	
880-3236-1 MSD	BH-1	Total/NA	Solid	5035	

Prep Batch: 4419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-21	SW4	Total/NA	Solid	5035	
880-3236-22	SW5	Total/NA	Solid	5035	
880-3236-23	SW6	Total/NA	Solid	5035	
880-3236-24	SW7	Total/NA	Solid	5035	
880-3236-25	SW8	Total/NA	Solid	5035	
880-3236-26	SW9	Total/NA	Solid	5035	
880-3236-27	SW10	Total/NA	Solid	5035	
880-3236-28	SW11	Total/NA	Solid	5035	
880-3236-29	SW12	Total/NA	Solid	5035	
880-3236-30	SW13	Total/NA	Solid	5035	
880-3236-31	SW14	Total/NA	Solid	5035	
880-3236-32	SW15	Total/NA	Solid	5035	
MB 880-4419/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-4419/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-4419/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-3236-21 MS	SW4	Total/NA	Solid	5035	
880-3236-21 MSD	SW4	Total/NA	Solid	5035	

Analysis Batch: 4428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-21	SW4	Total/NA	Solid	8021B	4419
880-3236-22	SW5	Total/NA	Solid	8021B	4419
880-3236-23	SW6	Total/NA	Solid	8021B	4419
880-3236-24	SW7	Total/NA	Solid	8021B	4419
880-3236-25	SW8	Total/NA	Solid	8021B	4419
880-3236-26	SW9	Total/NA	Solid	8021B	4419
880-3236-27	SW10	Total/NA	Solid	8021B	4419
880-3236-28	SW11	Total/NA	Solid	8021B	4419
880-3236-29	SW12	Total/NA	Solid	8021B	4419
880-3236-30	SW13	Total/NA	Solid	8021B	4419
880-3236-31	SW14	Total/NA	Solid	8021B	4419
880-3236-32	SW15	Total/NA	Solid	8021B	4419
MB 880-4419/5-A	Method Blank	Total/NA	Solid	8021B	4419

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 4428 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-4428/9	Method Blank	Total/NA	Solid	8021B	
LCS 880-4419/1-A	Lab Control Sample	Total/NA	Solid	8021B	4419
LCSD 880-4419/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	4419
880-3236-21 MS	SW4	Total/NA	Solid	8021B	4419
880-3236-21 MSD	SW4	Total/NA	Solid	8021B	4419

Analysis Batch: 4445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-1 - DL2	BH-1	Total/NA	Solid	8021B	4418
880-3236-2	BH-2	Total/NA	Solid	8021B	4418
880-3236-3	BH-3	Total/NA	Solid	8021B	4418
880-3236-4	BH-4	Total/NA	Solid	8021B	4418
880-3236-5	BH-5	Total/NA	Solid	8021B	4418
880-3236-6	BH-6	Total/NA	Solid	8021B	4418
880-3236-7	BH-7	Total/NA	Solid	8021B	4418
880-3236-8	BH-8	Total/NA	Solid	8021B	4418
880-3236-9	BH-9	Total/NA	Solid	8021B	4418
880-3236-10	BH-10	Total/NA	Solid	8021B	4418
MB 880-4418/5-A	Method Blank	Total/NA	Solid	8021B	4418
LCS 880-4418/1-A	Lab Control Sample	Total/NA	Solid	8021B	4418
LCSD 880-4418/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	4418
880-3236-1 MS	BH-1	Total/NA	Solid	8021B	4418
880-3236-1 MSD	BH-1	Total/NA	Solid	8021B	4418

Prep Batch: 4446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-11	BH-11	Total/NA	Solid	5035	
880-3236-12	BH-12	Total/NA	Solid	5035	
880-3236-13	BH-13	Total/NA	Solid	5035	
880-3236-14	BH-14	Total/NA	Solid	5035	
880-3236-15	BH-15	Total/NA	Solid	5035	
880-3236-16	BH-16	Total/NA	Solid	5035	
880-3236-17	BH-17	Total/NA	Solid	5035	
880-3236-18	SW1	Total/NA	Solid	5035	
880-3236-19	SW2	Total/NA	Solid	5035	
880-3236-20	SW3	Total/NA	Solid	5035	
MB 880-4446/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-4446/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-4446/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-3236-11 MS	BH-11	Total/NA	Solid	5035	
880-3236-11 MSD	BH-11	Total/NA	Solid	5035	

Analysis Batch: 4447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-11	BH-11	Total/NA	Solid	8021B	4446
880-3236-12	BH-12	Total/NA	Solid	8021B	4446
880-3236-13	BH-13	Total/NA	Solid	8021B	4446
880-3236-14	BH-14	Total/NA	Solid	8021B	4446
880-3236-15	BH-15	Total/NA	Solid	8021B	4446
880-3236-16	BH-16	Total/NA	Solid	8021B	4446
880-3236-17	BH-17	Total/NA	Solid	8021B	4446

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 4447 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-18	SW1	Total/NA	Solid	8021B	4446
880-3236-19	SW2	Total/NA	Solid	8021B	4446
880-3236-20	SW3	Total/NA	Solid	8021B	4446
MB 880-4446/5-A	Method Blank	Total/NA	Solid	8021B	4446
LCS 880-4446/1-A	Lab Control Sample	Total/NA	Solid	8021B	4446
LCSD 880-4446/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	4446
880-3236-11 MS	BH-11	Total/NA	Solid	8021B	4446
880-3236-11 MSD	BH-11	Total/NA	Solid	8021B	4446

GC Semi VOA

Analysis Batch: 4406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-1	BH-1	Total/NA	Solid	8015B NM	4421
880-3236-2	BH-2	Total/NA	Solid	8015B NM	4421
880-3236-3	BH-3	Total/NA	Solid	8015B NM	4421
880-3236-4	BH-4	Total/NA	Solid	8015B NM	4421
880-3236-5	BH-5	Total/NA	Solid	8015B NM	4421
880-3236-6	BH-6	Total/NA	Solid	8015B NM	4421
880-3236-7	BH-7	Total/NA	Solid	8015B NM	4421
880-3236-8	BH-8	Total/NA	Solid	8015B NM	4421
880-3236-9	BH-9	Total/NA	Solid	8015B NM	4421
880-3236-10	BH-10	Total/NA	Solid	8015B NM	4421
880-3236-11	BH-11	Total/NA	Solid	8015B NM	4421
880-3236-12	BH-12	Total/NA	Solid	8015B NM	4421
880-3236-13	BH-13	Total/NA	Solid	8015B NM	4421
880-3236-14	BH-14	Total/NA	Solid	8015B NM	4421
880-3236-15	BH-15	Total/NA	Solid	8015B NM	4421
880-3236-16	BH-16	Total/NA	Solid	8015B NM	4421
880-3236-17	BH-17	Total/NA	Solid	8015B NM	4421
880-3236-18	SW1	Total/NA	Solid	8015B NM	4421
880-3236-19	SW2	Total/NA	Solid	8015B NM	4421
880-3236-20	SW3	Total/NA	Solid	8015B NM	4421
MB 880-4421/1-A	Method Blank	Total/NA	Solid	8015B NM	4421
LCS 880-4421/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	4421
LCSD 880-4421/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	4421
880-3236-1 MS	BH-1	Total/NA	Solid	8015B NM	4421
880-3236-1 MSD	BH-1	Total/NA	Solid	8015B NM	4421

Analysis Batch: 4415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-21	SW4	Total/NA	Solid	8015B NM	4422
880-3236-22	SW5	Total/NA	Solid	8015B NM	4422
880-3236-23	SW6	Total/NA	Solid	8015B NM	4422
880-3236-24	SW7	Total/NA	Solid	8015B NM	4422
880-3236-25	SW8	Total/NA	Solid	8015B NM	4422
880-3236-26	SW9	Total/NA	Solid	8015B NM	4422
880-3236-27	SW10	Total/NA	Solid	8015B NM	4422
880-3236-28	SW11	Total/NA	Solid	8015B NM	4422
880-3236-29	SW12	Total/NA	Solid	8015B NM	4422
880-3236-30	SW13	Total/NA	Solid	8015B NM	4422

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 4415 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-31	SW14	Total/NA	Solid	8015B NM	4422
880-3236-32	SW15	Total/NA	Solid	8015B NM	4422
MB 880-4422/1-A	Method Blank	Total/NA	Solid	8015B NM	4422
LCS 880-4422/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	4422
LCSD 880-4422/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	4422
880-3236-21 MS	SW4	Total/NA	Solid	8015B NM	4422
880-3236-21 MSD	SW4	Total/NA	Solid	8015B NM	4422

Prep Batch: 4421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-1	BH-1	Total/NA	Solid	8015NM Prep	
880-3236-2	BH-2	Total/NA	Solid	8015NM Prep	
880-3236-3	BH-3	Total/NA	Solid	8015NM Prep	
880-3236-4	BH-4	Total/NA	Solid	8015NM Prep	
880-3236-5	BH-5	Total/NA	Solid	8015NM Prep	
880-3236-6	BH-6	Total/NA	Solid	8015NM Prep	
880-3236-7	BH-7	Total/NA	Solid	8015NM Prep	
880-3236-8	BH-8	Total/NA	Solid	8015NM Prep	
880-3236-9	BH-9	Total/NA	Solid	8015NM Prep	
880-3236-10	BH-10	Total/NA	Solid	8015NM Prep	
880-3236-11	BH-11	Total/NA	Solid	8015NM Prep	
880-3236-12	BH-12	Total/NA	Solid	8015NM Prep	
880-3236-13	BH-13	Total/NA	Solid	8015NM Prep	
880-3236-14	BH-14	Total/NA	Solid	8015NM Prep	
880-3236-15	BH-15	Total/NA	Solid	8015NM Prep	
880-3236-16	BH-16	Total/NA	Solid	8015NM Prep	
880-3236-17	BH-17	Total/NA	Solid	8015NM Prep	
880-3236-18	SW1	Total/NA	Solid	8015NM Prep	
880-3236-19	SW2	Total/NA	Solid	8015NM Prep	
880-3236-20	SW3	Total/NA	Solid	8015NM Prep	
MB 880-4421/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-4421/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-4421/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-3236-1 MS	BH-1	Total/NA	Solid	8015NM Prep	
880-3236-1 MSD	BH-1	Total/NA	Solid	8015NM Prep	

Prep Batch: 4422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-21	SW4	Total/NA	Solid	8015NM Prep	
880-3236-22	SW5	Total/NA	Solid	8015NM Prep	
880-3236-23	SW6	Total/NA	Solid	8015NM Prep	
880-3236-24	SW7	Total/NA	Solid	8015NM Prep	
880-3236-25	SW8	Total/NA	Solid	8015NM Prep	
880-3236-26	SW9	Total/NA	Solid	8015NM Prep	
880-3236-27	SW10	Total/NA	Solid	8015NM Prep	
880-3236-28	SW11	Total/NA	Solid	8015NM Prep	
880-3236-29	SW12	Total/NA	Solid	8015NM Prep	
880-3236-30	SW13	Total/NA	Solid	8015NM Prep	
880-3236-31	SW14	Total/NA	Solid	8015NM Prep	
880-3236-32	SW15	Total/NA	Solid	8015NM Prep	
MB 880-4422/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 4422 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-4422/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-4422/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-3236-21 MS	SW4	Total/NA	Solid	8015NM Prep	
880-3236-21 MSD	SW4	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 4423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-1	BH-1	Soluble	Solid	DI Leach	
880-3236-2	BH-2	Soluble	Solid	DI Leach	
880-3236-3	BH-3	Soluble	Solid	DI Leach	
880-3236-4	BH-4	Soluble	Solid	DI Leach	
880-3236-5	BH-5	Soluble	Solid	DI Leach	
880-3236-6	BH-6	Soluble	Solid	DI Leach	
880-3236-7	BH-7	Soluble	Solid	DI Leach	
880-3236-8	BH-8	Soluble	Solid	DI Leach	
880-3236-9	BH-9	Soluble	Solid	DI Leach	
880-3236-10	BH-10	Soluble	Solid	DI Leach	
880-3236-11	BH-11	Soluble	Solid	DI Leach	
880-3236-12	BH-12	Soluble	Solid	DI Leach	
880-3236-13	BH-13	Soluble	Solid	DI Leach	
880-3236-14	BH-14	Soluble	Solid	DI Leach	
880-3236-15	BH-15	Soluble	Solid	DI Leach	
880-3236-16	BH-16	Soluble	Solid	DI Leach	
880-3236-17	BH-17	Soluble	Solid	DI Leach	
880-3236-18	SW1	Soluble	Solid	DI Leach	
880-3236-19	SW2	Soluble	Solid	DI Leach	
880-3236-20	SW3	Soluble	Solid	DI Leach	
MB 880-4423/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-4423/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-4423/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-3236-1 MS	BH-1	Soluble	Solid	DI Leach	
880-3236-1 MSD	BH-1	Soluble	Solid	DI Leach	
880-3236-11 MS	BH-11	Soluble	Solid	DI Leach	
880-3236-11 MSD	BH-11	Soluble	Solid	DI Leach	

Leach Batch: 4427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-21	SW4	Soluble	Solid	DI Leach	
880-3236-22	SW5	Soluble	Solid	DI Leach	
880-3236-23	SW6	Soluble	Solid	DI Leach	
880-3236-24	SW7	Soluble	Solid	DI Leach	
880-3236-25	SW8	Soluble	Solid	DI Leach	
880-3236-26	SW9	Soluble	Solid	DI Leach	
880-3236-27	SW10	Soluble	Solid	DI Leach	
880-3236-28	SW11	Soluble	Solid	DI Leach	
880-3236-29	SW12	Soluble	Solid	DI Leach	
880-3236-30	SW13	Soluble	Solid	DI Leach	
880-3236-31	SW14	Soluble	Solid	DI Leach	
880-3236-32	SW15	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 4427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-4427/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-4427/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-4427/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-3236-21 MS	SW4	Soluble	Solid	DI Leach	
880-3236-21 MSD	SW4	Soluble	Solid	DI Leach	
880-3236-31 MS	SW14	Soluble	Solid	DI Leach	
880-3236-31 MSD	SW14	Soluble	Solid	DI Leach	

Analysis Batch: 4434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-1	BH-1	Soluble	Solid	300.0	4423
880-3236-2	BH-2	Soluble	Solid	300.0	4423
880-3236-3	BH-3	Soluble	Solid	300.0	4423
880-3236-4	BH-4	Soluble	Solid	300.0	4423
880-3236-5	BH-5	Soluble	Solid	300.0	4423
880-3236-6	BH-6	Soluble	Solid	300.0	4423
880-3236-7	BH-7	Soluble	Solid	300.0	4423
880-3236-8	BH-8	Soluble	Solid	300.0	4423
880-3236-9	BH-9	Soluble	Solid	300.0	4423
880-3236-10	BH-10	Soluble	Solid	300.0	4423
880-3236-11	BH-11	Soluble	Solid	300.0	4423
880-3236-12	BH-12	Soluble	Solid	300.0	4423
880-3236-13	BH-13	Soluble	Solid	300.0	4423
880-3236-14	BH-14	Soluble	Solid	300.0	4423
880-3236-15	BH-15	Soluble	Solid	300.0	4423
880-3236-16	BH-16	Soluble	Solid	300.0	4423
880-3236-17	BH-17	Soluble	Solid	300.0	4423
880-3236-18	SW1	Soluble	Solid	300.0	4423
880-3236-19	SW2	Soluble	Solid	300.0	4423
880-3236-20	SW3	Soluble	Solid	300.0	4423
MB 880-4423/1-A	Method Blank	Soluble	Solid	300.0	4423
LCS 880-4423/2-A	Lab Control Sample	Soluble	Solid	300.0	4423
LCSD 880-4423/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	4423
880-3236-1 MS	BH-1	Soluble	Solid	300.0	4423
880-3236-1 MSD	BH-1	Soluble	Solid	300.0	4423
880-3236-11 MS	BH-11	Soluble	Solid	300.0	4423
880-3236-11 MSD	BH-11	Soluble	Solid	300.0	4423

Analysis Batch: 4435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-21	SW4	Soluble	Solid	300.0	4427
880-3236-22	SW5	Soluble	Solid	300.0	4427
880-3236-23	SW6	Soluble	Solid	300.0	4427
880-3236-24	SW7	Soluble	Solid	300.0	4427
880-3236-25	SW8	Soluble	Solid	300.0	4427
880-3236-26	SW9	Soluble	Solid	300.0	4427
880-3236-27	SW10	Soluble	Solid	300.0	4427
880-3236-28	SW11	Soluble	Solid	300.0	4427
880-3236-29	SW12	Soluble	Solid	300.0	4427
880-3236-30	SW13	Soluble	Solid	300.0	4427
880-3236-31	SW14	Soluble	Solid	300.0	4427

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 4435 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3236-32	SW15	Soluble	Solid	300.0	4427
MB 880-4427/1-A	Method Blank	Soluble	Solid	300.0	4427
LCS 880-4427/2-A	Lab Control Sample	Soluble	Solid	300.0	4427
LCSD 880-4427/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	4427
880-3236-21 MS	SW4	Soluble	Solid	300.0	4427
880-3236-21 MSD	SW4	Soluble	Solid	300.0	4427
880-3236-31 MS	SW14	Soluble	Solid	300.0	4427
880-3236-31 MSD	SW14	Soluble	Solid	300.0	4427

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-1

Lab Sample ID: 880-3236-1

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035	DL2		5.00 g	5 mL	4418	06/21/21 13:11	KL	XEN MID
Total/NA	Analysis	8021B	DL2	1	5 mL	5 mL	4445	06/22/21 11:49	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	4421	06/21/21 13:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 00:41	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 20:51	CH	XEN MID

Client Sample ID: BH-2

Lab Sample ID: 880-3236-2

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	4418	06/21/21 13:11	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4445	06/22/21 12:09	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	4421	06/21/21 13:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 01:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 21:05	CH	XEN MID

Client Sample ID: BH-3

Lab Sample ID: 880-3236-3

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	4418	06/21/21 13:11	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4445	06/22/21 12:29	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 02:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 21:10	CH	XEN MID

Client Sample ID: BH-4

Lab Sample ID: 880-3236-4

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	4418	06/21/21 13:11	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4445	06/22/21 12:50	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 02:26	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 21:15	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-5

Lab Sample ID: 880-3236-5

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	4418	06/21/21 13:11	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4445	06/22/21 13:10	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 02:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 21:20	CH	XEN MID

Client Sample ID: BH-6

Lab Sample ID: 880-3236-6

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	4418	06/21/21 13:11	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4445	06/22/21 13:31	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 03:08	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 21:35	CH	XEN MID

Client Sample ID: BH-7

Lab Sample ID: 880-3236-7

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	4418	06/21/21 13:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4445	06/22/21 13:51	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 03:29	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 21:40	CH	XEN MID

Client Sample ID: BH-8

Lab Sample ID: 880-3236-8

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	4418	06/21/21 13:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4445	06/22/21 14:11	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 03:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 21:44	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-9

Lab Sample ID: 880-3236-9

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	4418	06/21/21 13:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4445	06/22/21 14:32	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 04:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.00 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 21:49	CH	XEN MID

Client Sample ID: BH-10

Lab Sample ID: 880-3236-10

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	4418	06/21/21 13:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4445	06/22/21 14:52	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 04:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 21:54	CH	XEN MID

Client Sample ID: BH-11

Lab Sample ID: 880-3236-11

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	4446	06/22/21 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4447	06/22/21 12:17	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 05:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 21:59	CH	XEN MID

Client Sample ID: BH-12

Lab Sample ID: 880-3236-12

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	4446	06/22/21 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4447	06/22/21 12:37	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 05:34	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 22:14	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-13

Lab Sample ID: 880-3236-13

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	4446	06/22/21 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4447	06/22/21 12:58	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 05:55	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 22:19	CH	XEN MID

Client Sample ID: BH-14

Lab Sample ID: 880-3236-14

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	4446	06/22/21 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4447	06/22/21 13:18	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 06:16	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 22:33	CH	XEN MID

Client Sample ID: BH-15

Lab Sample ID: 880-3236-15

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	4446	06/22/21 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4447	06/22/21 13:38	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 06:38	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 22:38	CH	XEN MID

Client Sample ID: BH-16

Lab Sample ID: 880-3236-16

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	4446	06/22/21 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4447	06/22/21 13:59	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 06:59	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 22:43	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: BH-17

Lab Sample ID: 880-3236-17

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	4446	06/22/21 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4447	06/22/21 14:19	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 07:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 22:48	CH	XEN MID

Client Sample ID: SW1

Lab Sample ID: 880-3236-18

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	4446	06/22/21 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4447	06/22/21 14:39	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 07:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 22:53	CH	XEN MID

Client Sample ID: SW2

Lab Sample ID: 880-3236-19

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	4446	06/22/21 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4447	06/22/21 15:00	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 08:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.00 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 22:58	CH	XEN MID

Client Sample ID: SW3

Lab Sample ID: 880-3236-20

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	4446	06/22/21 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4447	06/22/21 15:20	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	4421	06/21/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4406	06/22/21 08:24	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	4423	06/21/21 13:55	SC	XEN MID
Soluble	Analysis	300.0		1			4434	06/21/21 23:03	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: SW4

Lab Sample ID: 880-3236-21

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	4419	06/21/21 13:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4428	06/22/21 06:51	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	4422	06/21/21 13:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4415	06/22/21 00:41	AM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	4427	06/21/21 13:59	SC	XEN MID
Soluble	Analysis	300.0		1			4435	06/21/21 18:49	CH	XEN MID

Client Sample ID: SW5

Lab Sample ID: 880-3236-22

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	4419	06/21/21 13:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4428	06/22/21 07:11	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	4422	06/21/21 13:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4415	06/22/21 01:44	AM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	4427	06/21/21 13:59	SC	XEN MID
Soluble	Analysis	300.0		1			4435	06/21/21 19:03	CH	XEN MID

Client Sample ID: SW6

Lab Sample ID: 880-3236-23

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	4419	06/21/21 13:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4428	06/22/21 07:32	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	4422	06/21/21 13:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4415	06/22/21 02:05	AM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	4427	06/21/21 13:59	SC	XEN MID
Soluble	Analysis	300.0		1			4435	06/21/21 19:08	CH	XEN MID

Client Sample ID: SW7

Lab Sample ID: 880-3236-24

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	4419	06/21/21 13:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4428	06/22/21 07:53	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	4422	06/21/21 13:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4415	06/22/21 02:26	AM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	4427	06/21/21 13:59	SC	XEN MID
Soluble	Analysis	300.0		1			4435	06/21/21 19:13	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: SW8

Lab Sample ID: 880-3236-25

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	4419	06/21/21 13:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4428	06/22/21 08:14	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	4422	06/21/21 13:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4415	06/22/21 02:47	AM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	4427	06/21/21 13:59	SC	XEN MID
Soluble	Analysis	300.0		1			4435	06/21/21 19:18	CH	XEN MID

Client Sample ID: SW9

Lab Sample ID: 880-3236-26

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	4419	06/21/21 13:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4428	06/22/21 08:34	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	4422	06/21/21 13:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4415	06/22/21 03:08	AM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	4427	06/21/21 13:59	SC	XEN MID
Soluble	Analysis	300.0		1			4435	06/21/21 19:33	CH	XEN MID

Client Sample ID: SW10

Lab Sample ID: 880-3236-27

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	4419	06/21/21 13:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4428	06/22/21 08:55	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	4422	06/21/21 13:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4415	06/22/21 03:29	AM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	4427	06/21/21 13:59	SC	XEN MID
Soluble	Analysis	300.0		1			4435	06/21/21 19:37	CH	XEN MID

Client Sample ID: SW11

Lab Sample ID: 880-3236-28

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	4419	06/21/21 13:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4428	06/22/21 09:16	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	4422	06/21/21 13:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4415	06/22/21 03:50	AM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	4427	06/21/21 13:59	SC	XEN MID
Soluble	Analysis	300.0		1			4435	06/21/21 19:42	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Client Sample ID: SW12

Lab Sample ID: 880-3236-29

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	4419	06/21/21 13:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4428	06/22/21 09:36	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	4422	06/21/21 13:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4415	06/22/21 04:11	AM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	4427	06/21/21 13:59	SC	XEN MID
Soluble	Analysis	300.0		1			4435	06/21/21 19:47	CH	XEN MID

Client Sample ID: SW13

Lab Sample ID: 880-3236-30

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	4419	06/21/21 13:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4428	06/22/21 09:57	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	4422	06/21/21 13:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4415	06/22/21 04:32	AM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	4427	06/21/21 13:59	SC	XEN MID
Soluble	Analysis	300.0		1			4435	06/21/21 19:52	CH	XEN MID

Client Sample ID: SW14

Lab Sample ID: 880-3236-31

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	4419	06/21/21 13:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4428	06/22/21 11:19	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	4422	06/21/21 13:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4415	06/22/21 05:13	AM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	4427	06/21/21 13:59	SC	XEN MID
Soluble	Analysis	300.0		1			4435	06/21/21 19:57	CH	XEN MID

Client Sample ID: SW15

Lab Sample ID: 880-3236-32

Date Collected: 06/18/21 00:00

Matrix: Solid

Date Received: 06/21/21 12:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	4419	06/21/21 13:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	4428	06/22/21 11:40	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	4422	06/21/21 13:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			4415	06/22/21 05:34	AM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	4427	06/21/21 13:59	SC	XEN MID
Soluble	Analysis	300.0		1			4435	06/21/21 20:12	CH	XEN MID

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, 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: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, 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

Eurofins Xenco, Midland

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Stella Blue 30 Fed Com #701H

Job ID: 880-3236-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-3236-1	BH-1	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-2	BH-2	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-3	BH-3	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-4	BH-4	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-5	BH-5	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-6	BH-6	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-7	BH-7	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-8	BH-8	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-9	BH-9	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-10	BH-10	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-11	BH-11	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-12	BH-12	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-13	BH-13	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-14	BH-14	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-15	BH-15	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-16	BH-16	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-17	BH-17	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-18	SW1	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-19	SW2	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-20	SW3	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-21	SW4	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-22	SW5	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-23	SW6	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-24	SW7	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-25	SW8	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-26	SW9	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-27	SW10	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-28	SW11	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-29	SW12	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-30	SW13	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-31	SW14	Solid	06/18/21 00:00	06/21/21 12:55	
880-3236-32	SW15	Solid	06/18/21 00:00	06/21/21 12:55	

Eurofins Xenco, Midland

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

880-3236 Chain of Custody



REC 200 (704).YB.J

880-3236

1 of 1

6/22/2021

Client Name						EOG						Site Manager						Paula Tocora										
Project Name						Stella Blue 30 Fed Com #701H																						
Project Location (county, state)						Eddy Co, NM						Project # 212c-md-02419 Task 3201																
Invoice to						EOG, Attn James Kennedy																						
Receiving Laboratory						Xenco (Midland, TX)						Sampler Signature						Adrian Garcia										
Comments																												
LAB # (LAB USE ONLY)		SAMPLE IDENTIFICATION				SAMPLING			MATRIX			PRESERVATIVE METHOD			# CONTAINERS		FILTERED (Y/N)		ANALYSIS REQUEST (Circle or Specify Method No.) BTX 8021B BTX 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 PCBs 8082 / 608 NORM PLM (Asbestos) Chloride 300 0 Chloride Sulfate TDS General Water Chemistry (see attached list) Anion/Cation Balance Asbestos									
						YEAR	DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE															
		BH 1				6/18/2021			X			X			1 N		X		X									
		BH 2				6/18/2021			X			X			1 N		X		X									
		BH 3				6/18/2021			X			X			1 N		X		X									
		BH 4				6/18/2021			X			X			1 N		X		X									
		BH 5				6/18/2021			X			X			1 N		X		X									
		BH 6				6/18/2021			X			X			1 N		X		X									
		BH 7				6/18/2021			X			X			1 N		X		X									
		BH 8				6/18/2021			X			X			1 N		X		X									
		BH 9				6/18/2021			X			X			1 N		X		X									
		BH 10				6/18/2021			X			X			1 N		X		X									
Relinquished by						Date Time			Received by			Date Time			LAB USE ONLY						REMARKS: ☒ RUSH Same Day 24 hr 48 hr 72 hr ☐ Rush Charges Authorized ☐ Special Report Limits or TRRP Report							
Relinquished by						Date Time			Received by			Date Time			LAB USE ONLY													
Relinquished by						Date Time			Received by			Date Time			LAB USE ONLY													

ORIGINAL COPY

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 West Wall St Ste 100
Midland Texas 79701
Tel (432) 682-4559
Fax (432) 682-394

Client Name		EOG		Site Manager		Paula Tocora	
Project Name		Stella Blue		Project #		212c-md-02419 Task 3201	
Project Location (county, state)		Eddy Co, NM		Invoice to		EOG, Attn James Kennedy	
Receiving Laboratory		Xenco (Midland, TX)		Sampler Signature		Adrian Garcia	
Comments							
LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)
		YEAR	DATE				
	BH 11		6/18/2021		X		1 N
	BH 12		6/18/2021		X		1 N
	BH 13		6/18/2021		X		1 N
	BH 14		6/18/2021		X		1 N
	BH 15		6/18/2021		X		1 N
	BH 16		6/18/2021		X		1 N
	BH 17		6/18/2021		X		1 N
	SW 1		6/18/2021		X		1 N
	SW 2		6/18/2021		X		1 N
	SW 3		6/18/2021		X		1 N
Relinquished by		Date	Time	Received by		Date	Time
Relinquished by		6/21/21	12:38	Received by		6/21/21	12:38
Relinquished by		Date	Time	Received by		Date	Time
Relinquished by		Date	Time	Received by		Date	Time

ANALYSIS REQUEST
(Circle or Specify Method No.)

BTX 8021B BTX 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 300 0
Chloride Sulfate TDS
General Water Chemistry (see attached list)
Anion/Cation Balance
Asbestos

Hold

LAB USE ONLY
Sample Temperature
5.5/6.0

REMARKS:

☒ RUSH Same Day ☒ 24 hr ☐ 48 hr ☐ 72 hr
☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report

Page 2 of 4

800-321-36

ORIGINAL COPY

(Circle) HAND DELIVERED FEDEX UPS Tracking #

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 West Wall St. Ste 100
Midland Texas 79701
Tel (432) 682-4559
Fax (432) 682-394

Client Name	EOG	Site Manager	Paula Tocco
Project Name	Stella Blue		
Project Location (county, state)	Eddy Co, NM	Project #	212c-md-02419 Task 3201
Invoice to	EOG, Attn James Kennedy		
Receiving Laboratory	Xenco (Midland, TX)	Sampler Signature	Adrian Garcia
Comments			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX	PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)
		DATE	TIME		WATER	SOIL	HCL	HNO ₃		
	SW 4	6/18/2021		X		X			1 N	X
	SW 5	6/18/2021		X		X			1 N	X
	SW 6	6/18/2021		X		X			1 N	X
	SW 7	6/18/2021		X		X			1 N	X
	SW 8	6/18/2021		X		X			1 N	X
	SW 9	6/18/2021		X		X			1 N	X
	SW 10	6/18/2021		X		X			1 N	X
	SW 11	6/18/2021		X		X			1 N	X
	SW 12	6/18/2021		X		X			1 N	X
	SW 13	6/18/2021		X		X			1 N	X

Relinquished by	Date	Time	Received by	Date	Time
Adrian Garcia	6/21/21	12:38	Paula Tocco	6/21/21	12:38
Relinquished by	Date	Time	Received by	Date	Time

ORIGINAL COPY

LAB USE ONLY	REMARKS	ANALYSIS REQUEST (Circle or Specify Method No.)	
		BTEX 8021B BTEX 8260B TPH TX1005 (Ext to C35) TPH 8015M (GRO - DRO - ORO) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles RCI GC/MS Vol 8260B / 624 GC/MS Semi Vol 8270C/625 PCBs 8082 / 608 NORM PLM (Asbestos) Chloride 300 0 Chloride Sulfate TDS General Water Chemistry (see attached list) Anion/Cation Balance Asbestos Hold	
Sample Temperature 5.5/6.0	☒ RUSH Same Day ☐ Rush Charges Authorized ☐ Special Report Limits or TRRP Report		

880-3234
Page 3 of 4

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 West Wall St Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-394

Page 4 of 4

880-3236

[illegible]

		ANALYSIS REQUEST (Circle or Specify Method No.)	
BTEX	8021B BTEX 8260B	X	X
TPH	TX100S (Ext to C35)	X	X
TPH	8015M (GRO - DRO - ORO)	X	X
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		
PCBs	s 8082 / 608		
NORM			
PLM (Asbestos)		X	X
Chloride	300 0 Sulfate TDS		
General Water Chemistry	(see attached list)		
Anion/Cation Balance			
Asbestos			
Hold			

ORIGINAL COPY

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 880-3236-1

SDG Number: Eddy Co, NM

Login Number: 3236

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Xenco, Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	No times on COC, logged in per container labels.
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	

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 55310

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 55310
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	11/17/2021