SITE INFORMATION

Report Type: Closure Report NRM2028954312

General Site Information:						
Site:	**Lomas Rojas Reuse Pit - Riser #1**					
Company:	**EOG Resources**					
Section, Township and Range	**Unit F**	**Sec. 26**	**T 25S**	**R 33E**		
County:	**Lea County**					
GPS:	**32.10421**			**-103.545091**		

Release Data:	
Date Released:	7/2/2020
Type Release:	Produced Water
Source of Contamination:	Due to a failed weld on a 2" drain on a spool.
Fluid Released:	7 bbls PW
Fluids Recovered:	0 bbls

Official Communication:			
Name:	Todd Wells		Mike Carmona
Company:	EOG Reources		Tetra Tech
Address:	5509 Champions Dr		901 West Wall Street
			Suite 100
City:	Midland Texas, 79706		Midland, Texas
Phone number:	(432) 686-3613		(432) 687-8121
Fax:			
Email:	Todd_Wells@eogresources.com		mike.carmona@tetratech.com

Site Characterization	
Depth to Groundwater:	*100' below surface*
Karst Potential:	*low*

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*

TETRA TECH

December 1, 2020

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

Re: Closure Report for the EOG Resources, Lomas Rojas Reuse Pit – Riser #1, Unit F, Section 26, Township 25 South, Range 33 East, Lea County, New Mexico.

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess and remediate a release that occurred at the EOG Resources, Lomas Rojas Reuse Pit – Riser #1, Unit F, Section 26, Township 25 South, Range 33 East, Lea County, New Mexico (Site). The site coordinates are 32.103943º, -103.544981º. 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 2, 2020, and released approximately seven (7) barrels of produced water, due to a 2" drain on a spool that failed. None of the released fluids were recovered. The release occurred onto a pasture and impacted an area measuring approximately 165' x 67'. The C-141 form is 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 low karst potential area. The nearest well is listed in the USGS National Water Information Database website in Section 20, approximately 2.5 miles Northwest of the site, and has a reported depth to groundwater of 204.36 feet below ground surface. Site characterization data is included in Appendix B.

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

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

TETRA TECH

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 July 20, 2020, Tetra Tech personnel were onsite to evaluate and sample the release area. A total of three (3) auger holes (AH-1, AH-2, and AH-3) were installed to total depths ranging from surface to 3.5' below the surface. A total of four (4) horizontal delineation samples were collected (H-1, H-2, H-3, and H-4) to total depths of surface to 0.5' below surface. Also, selected 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 C. The results of the sampling are summarized in Table 1. The auger hole locations are shown on Figure 3.

Referring to Table 1, none of the samples analyzed showed benzene or total BTEX concentrations above the laboratory reporting limits. However, elevated TPH and chloride concentrations were detected above RRALs. The area of horizontal (H-2) showed a high TPH concentration of 221 mg/kg. The areas of auger holes (AH-1, AH-2, and AH-3) showed high chloride concentrations of 2,860 mg/kg, 1,630 mg/kg, and 2,590 mg/kg at depths of surface to 1.0', respectively. Additionally, the chloride concentrations showed decreasing trends with depth.

Remediation and Reclamation Activities

Based on the results of the soil assessment, Tetra Tech personnel were onsite September 8, 2020, to collect confirmation samples. The impacted areas were excavated to total depths ranging from 1.5'-4.5' below surface, as shown on Figure 4 and Table 2.

A total of thirty-four (34) bottom hole samples (Bottom Hole 1 through Bottom Hole 34) and ten (10) sidewall samples (SW-1 through SW-10) were collected every 200 square feet, to ensure proper removal of the impacted soils. Soil samples were collected and submitted to the laboratory to be analyzed for TPH method 8015 extended, BTEX method 8021B, and Chloride by EPA Method 300.0. The sampling results are summarized in Table 2. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The excavation depths and sample locations are shown in Figure 4.

Referring to Table 2, all final confirmation samples collected showed benzene, total BTEX, and TPH concentrations below the laboratory reporting limits. Additionally, all final samples showed chloride concentrations below the 600 mg/kg threshold.

Approximately 647 cubic yards of material was excavated and transported offsite for proper disposal. The areas were then backfilled with clean material to surface grade.

Conclusion

Based on the laboratory results and remediation activities performed, EOG requests closure of this spill issue. The final C-141 is enclosed in Appendix A. If you have any questions

TETRA TECH

or comments concerning the assessment or remediation activities for this site, please call at (432) 682-4559.

Respectfully submitted,
TETRA TECH

Mike Carmona,
Project Manager

Figures

SITE LOCATION

N
W E
S

0 10,416.5 20,833

Approximate Scale in Feet

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

STATE LOCATOR MAP

OVERVIEW MAP
LOMAS ROJAS REUSE PIT - RISER #1
Property Located at coordinates 32.10421°,-103.545091°
LEA COUNTY, NEW MEXICO

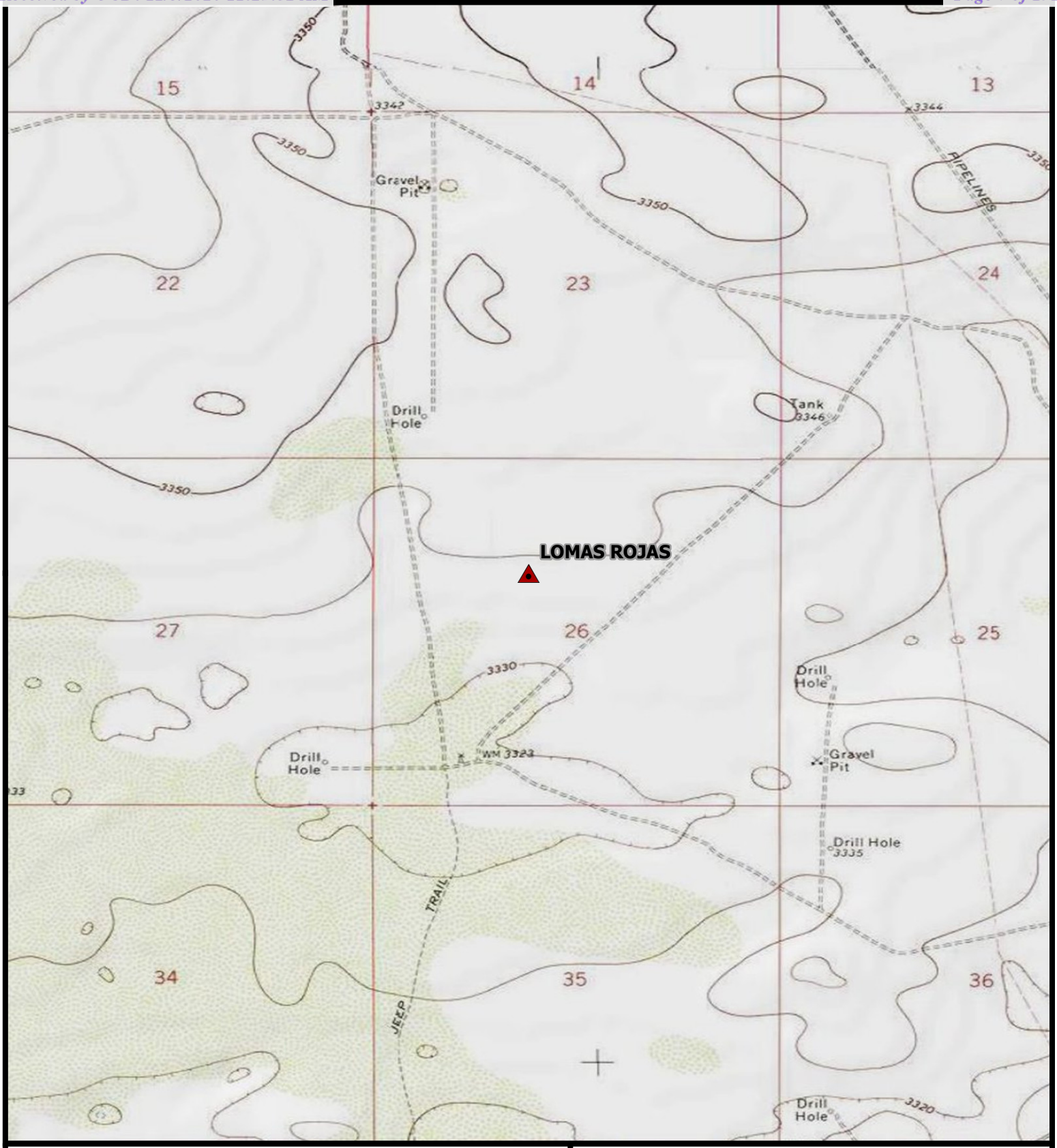
eog resources

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

Project #: 212C-MD-02278
Date: 07/28/2020
Drawn By:MLM

FIGURE 1

Document Path: H:\GIS\EOG RESOURCES\212C-MD-02278 LOMAS ROJAS\MXD\212C-MD-02278 LAMOS ROJAS FIG. 1.mxd



SITE LOCATION

N
W E
S

0 1,000 2,000

Approximate Scale in Feet

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

TOPOGRAPHIC MAP
LOMAS ROJAS REUSE PIT - RISER #1
Property Located at coordinates 32.10421°,-103.545091°
LEA COUNTY, NEW MEXICO

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Midland, TX 79701
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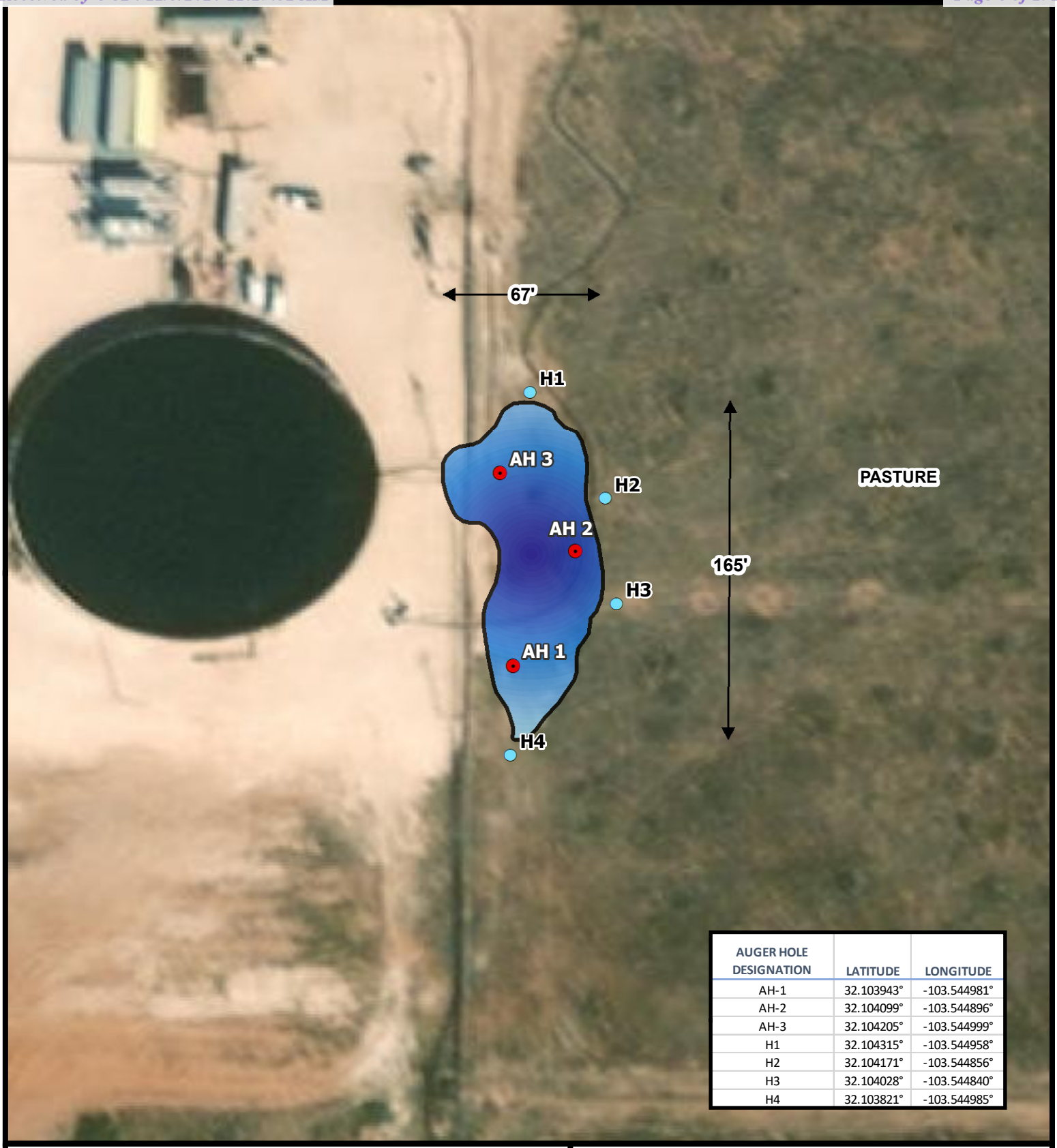
FIGURE 2

Date: 7/29/2020 Document Path: H:\GIS\EOG RESOURCES\212C-MD-0000 LOMAS ROJAS\MXD\212C-MD-02266 LAMOS ROJAS FIG. 2.mxd



AUGER HOLE DESIGNATION	LATITUDE	LONGITUDE
AH-1	32.103943°	-103.544981°
AH-2	32.104099°	-103.544896°
AH-3	32.104205°	-103.544999°
H1	32.104315°	-103.544958°
H2	32.104171°	-103.544856°
H3	32.104028°	-103.544840°
H4	32.103821°	-103.544985°

HORIZONTAL SAMPLE LOCATIONS
AUGERHOLE SAMPLE LOCATIONS
SPILL

N
W
E
S

0 32.5 65
Approximate Scale in Feet

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye. Earthstar Geographics, CNES/Airbus DS. USDA, USGS, AeroGRID, IGN, and the GIS User Community(10/29/2019)

SPILL ASSESSMENT MAP
LOMAS ROJAS REUSE PIT - RISER #1
Property Located at coordinates 32.10421°,-103.545091°
LEA COUNTY, NEW MEXICO

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Midland, TX 79701
(432) 682-4559

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Date: 07/28/2020
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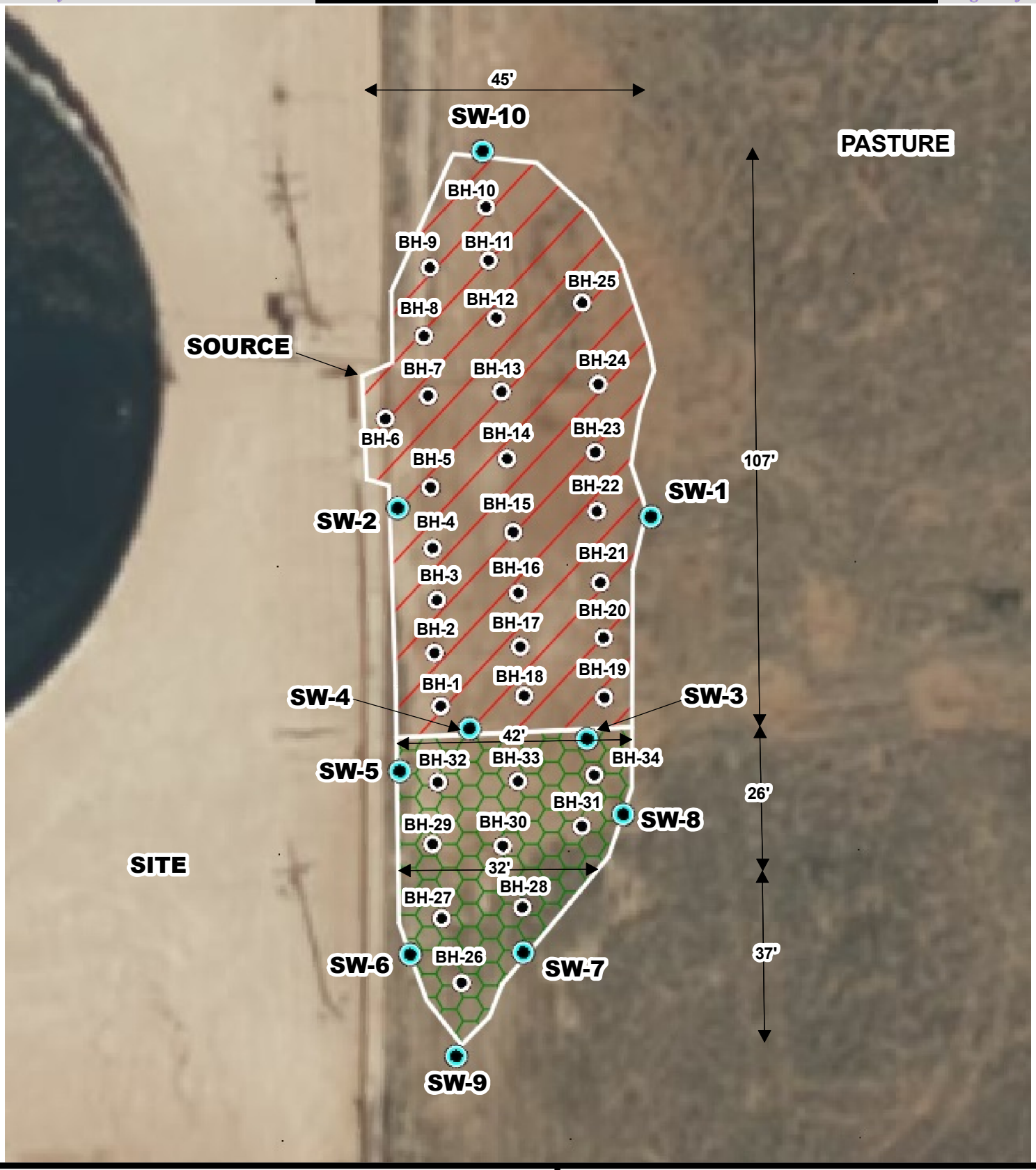
FIGURE 3

Date: 7/29/2020 Document Path: H:\GIS\EOG RESOURCES\212C-MD-0000 LOMAS ROJAS\MXD\212C-MD-02256 LAMOS ROJAS FIG. 3.mxd



1.5' EXCAVATED DEPTH
4.5' EXCAVATED DEPTH
BOTTOM HOLE SAMPLE LOCATION
SIDEWALL SAMPLE LOCATION

N
W
E
S

0 10 20
Approximate Scale in Feet

EXCAVATION MAP
LOMAS ROJAS REUSE PIT - RISER #1
Property Located at coordinates 32.10421°,-103.545091°
LEA COUNTY, NEW MEXICO

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Midland, TX 79701
(432) 682-4559

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Date: 09/29/20
Drawn By: DN

FIGURE 4

Date: 9/29/2020 Document Path: G:\LDIS_CLIENT_PROJECTS\EOG Resources\Lomas Rojas\MXD\212C-MD-02278 Lomas Rojas- Fig 4.mxd

Tables

Table 1
EOG
Lomas Rojas Reuse Pit - Riser #1
Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
AH-1	7/20/2020	0-1.0		X	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**2,860**
	"	1.0-1.5		X	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	443
	"	2.0-2.5		X	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	329
	"	3.0-3.5		X	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**992**
AH-2	7/20/2020	0-1.0		X	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**1,630**
	"	1.0-1.5		X	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	351
	"	2.0-2.5	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	474
AH-3	7/20/2020	0-1.0		X	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**2,590**
	"	1.0-1.5		X	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	356
	"	2.0-2.5	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	354
H-1	7/20/2020	0-0.5	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	22.2
H-2	7/20/2020	0-0.5		X	<49.8	167	54.4	**221**	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	28.1
H-3	7/20/2020	0-0.5	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	13.8
H-4	7/20/2020	0-0.5	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	28.9

(-) Not Analyzed

Excavated

Table 2
EOG Resources
Lomas Rojas Reuse Pit - Riser #1
Lea County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
BH-1	9/8/2020	1.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	138
BH-2	9/8/2020	1.5'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	101
BH-3	9/8/2020	1.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	10.7
BH-4	9/8/2020	1.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	11.2
BH-5	9/8/2020	1.5'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	12.2
BH-6	9/8/2020	1.5'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	25.9
BH-7	9/8/2020	1.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	41.0
BH-8	9/8/2020	1.5'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	36.9
BH-9	9/8/2020	1.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	20.1
BH-10	9/8/2020	1.5'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	191
BH-11	9/8/2020	1.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	45.9
BH-12	9/8/2020	1.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	330
BH-13	9/8/2020	1.5'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	407
BH-14	9/8/2020	1.5'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	382
BH-15	9/8/2020	1.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	21.2
BH-16	9/8/2020	1.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	15.9
BH-17	9/8/2020	1.5'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	47.0
BH-18	9/8/2020	1.5'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	17.4
BH-19	9/8/2020	1.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	39.6
BH-20	9/8/2020	1.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	41.0
BH-21	9/8/2020	1.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	8.14
BH-22	9/8/2020	1.5'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	17.0
BH-23	9/8/2020	1.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	11.7
BH-24	9/8/2020	1.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	11.2

Table 2
EOG Resources
Lomas Rojas Reuse Pit - Riser #1
Lea County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
BH-25	9/8/2020	1.5'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<5.03
BH-26	9/8/2020	4.5'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	134
BH-27	9/8/2020	4.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	117
BH-28	9/8/2020	4.5'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	234
BH-29	9/8/2020	4.5'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**604**
	9/14/2020	"	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<5.04
BH-30	9/8/2020	4.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	98.6
BH-31	9/8/2020	4.5'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	106
BH-32	9/8/2020	4.5'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	268
BH-33	9/8/2020	4.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**807**
	9/14/2020	"	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<5.02
BH-34	9/8/2020	4.5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	134
SW-1	6/19/2020	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	12.0
SW-2	6/19/2020	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<4.98
SW-3	6/19/2020	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<5.02
SW-4	6/19/2020	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	13.4
SW-5	6/19/2020	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	22.1
SW-6	6/19/2020	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	19.6
SW-7	6/19/2020	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	57.7
SW-8	6/19/2020	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	12.3
SW-9	6/19/2020	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	10.8
SW-10	6/19/2020	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	10.0

(-) Not Analyzed

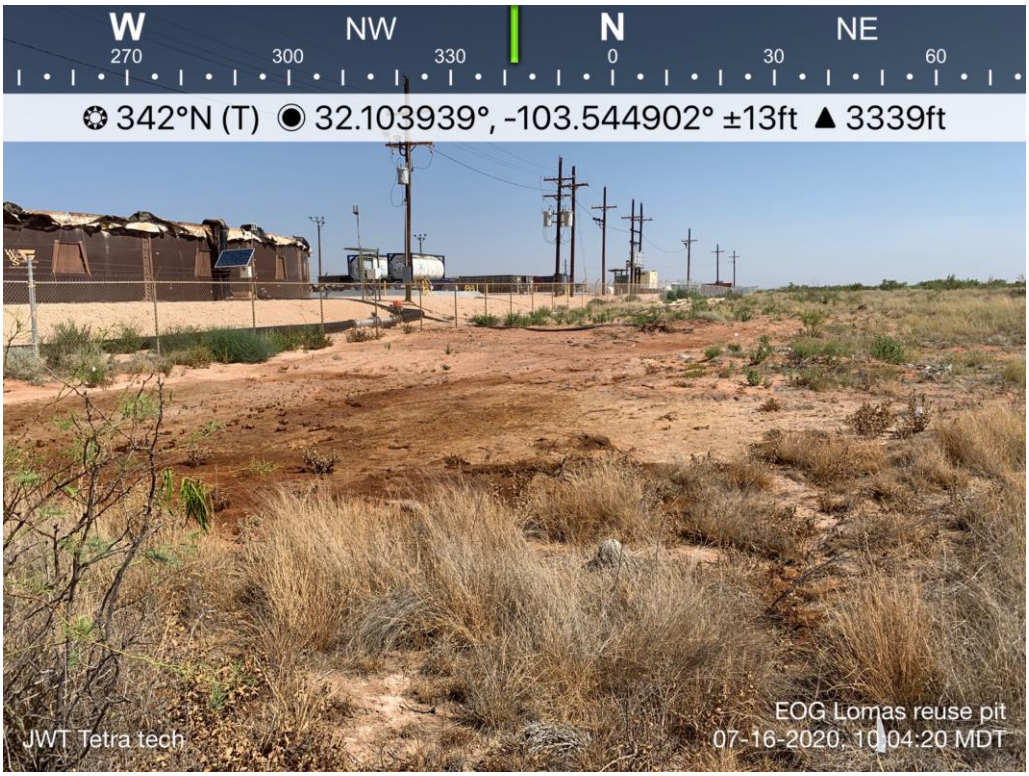
Photos

EOG Resources

Lomas Rojas Reuse Pit – Riser #1

Lea County, New Mexico

View South, areas Auger Holes (1-2)

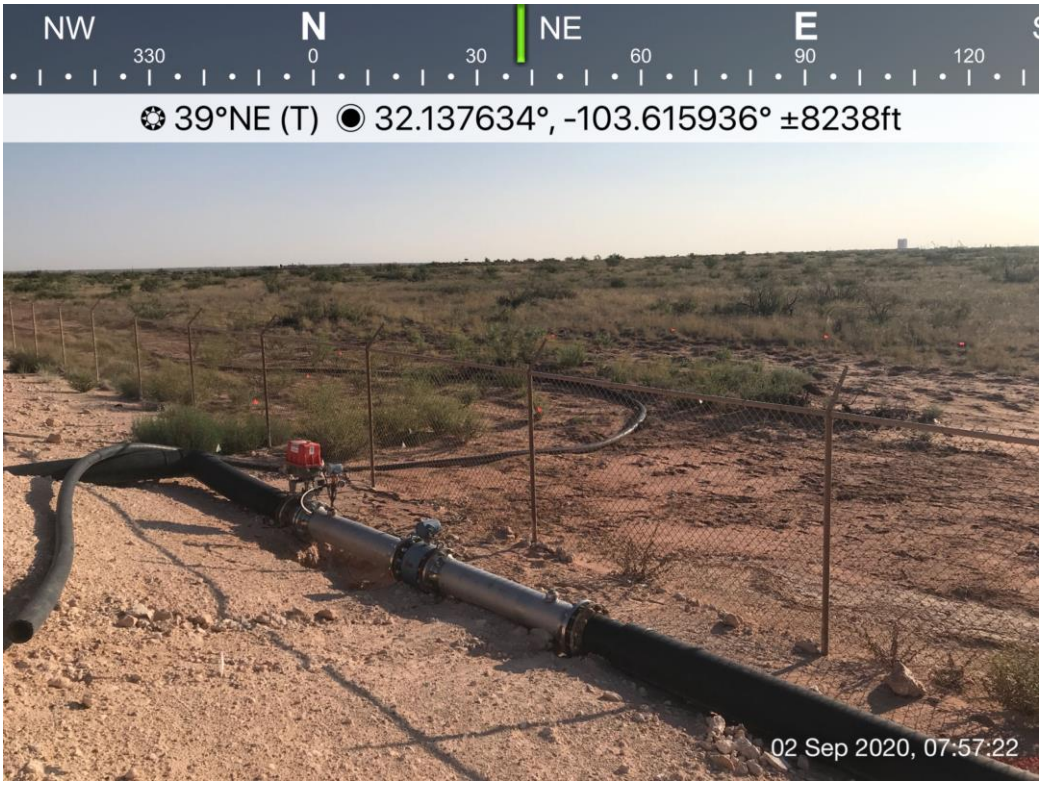


View North, areas of Auger Holes (1-3)

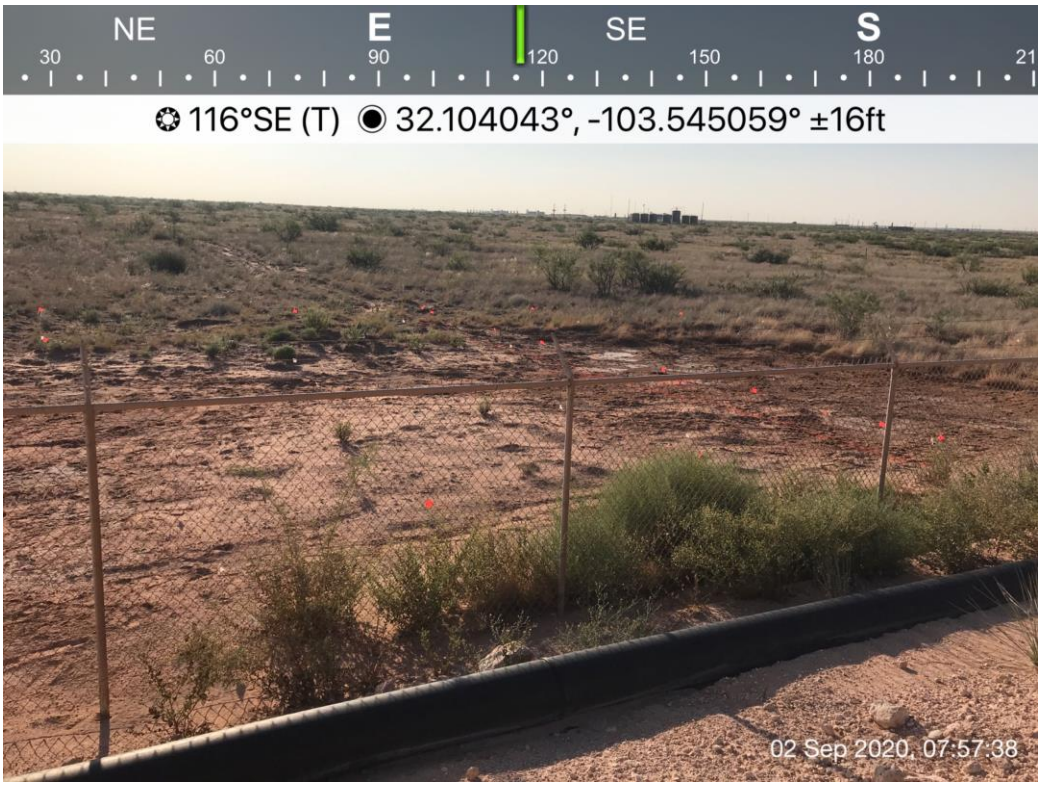
EOG Resources

Lomas Rojas Reuse Pit – Riser #1

Lea County, New Mexico



View North, areas of Auger Hole #1



View East, areas of Auger Hole (2-3)

EOG Resources

Lomas Rojas Reuse Pit – Riser #1

Lea County, New Mexico

View South, areas of excavation Bottom Holes (7 – 34)

View North, areas of excavation Bottom Holes (1 – 34)

EOG Resources

Lomas Rojas Reuse Pit – Riser #1

Lea County, New Mexico

View South, areas of west Bottom Holes (26 – 34)

View North, areas of Bottom Hole (1 – 25)

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 Department

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

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

Incident ID	NRM2028954312
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude 32.104099° Longitude -103.544896°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lomas Rojas Reuse Pit – Riser #1	Site Type Water Reuse Pit
Date Release Discovered 7/2/20	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
F	26	25S	33E	Lea

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 7	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The welds on the 2-inch drain on one of the spools failed and allowed produced water to drain from the line. Approximately 7 bbls of produced water was released and 0 bbls recovered.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NRM2028954312
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Todd Wells Title: Environmental Specialist

Signature: Todd Wells Date: 10-14-20

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

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

Form C-141 State of New Mexico
Page 4 Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Cristina Eads Date: 12/03/2020

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

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

☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Cristina Eads Date: 12/03/2020

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

Closure Approved by: _____ Date: 02/08/2021

Printed Name: Cristina Eads Title: Environmental Specialist

Appendix B

Water Well Data
Average Depth to Groundwater (ft)
Lomas Rojas Reuse Pit Riser 1
Lea County, New Mexico

24 South 32 East

6	5	4	3	2	1
7	8	9	10 20	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33 290	34	35	36

24 South 33 East

6	5	4	3	2	1
7	8	9	10 20 22	11	12
18	17	16	15	14	13
19	20	21	22	23 208	24 16.9
30	29	28	27	26	25
31	32	33 70 93.2	34	35	36

24 South 34 East

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

25 South 32 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32 290	33	34	35	36

25 South 33 East

6	5 118	4	3 172	2	1
7	8	9	10	11 140	12 200
18	17	16	15	14	13 185
19	20 200	21 120	22	23	24
30	29	28	27 125	26 110	25
31 190	32	33	34	35	36

25 South 34 East

6	5	4	3	2	1 260
7	8	9	10	11	12
18	17	16	15 135	14	13
19	20	21	22	23	24 300
30	29 129 50	28	27	26	25
31	32	33	34	35	36

26 South 32 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21 333 180	22	23	24
30	29	28	27	26	25
31 295	32	33	34	35	36
31	32	33	34	35	36

26 South 33 East

6	5	4	3 180	2	1
7	8	9 106	10 124	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27 80	26	25
31	32	33	34	35	36
31	32	33	34	35	36

26 South 34 East

6 130	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36
31	32	33	34 62' 60	35 121 110	36 115

88 New Mexico State Engineers Well Reports

105 USGS Well Reports

90 Geology and Groundwater Conditions in Southern Lea, County, NM (Report 6)

Geology and Groundwater Resources of Eddy County, NM (Report 3)

34 NMOCD - Groundwater Data

123 Tetra Tech installed temporary wells and field water level

143 NMOCD Groundwater map well location

USGS science for a changing world

National Water Information System: Mapper

Site Information

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320631103351401

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

USGS 320631103351401 25S.33E.20.443313

Lea County, New Mexico
Latitude 32°06'31", Longitude 103°35'14" NAD27
Land-surface elevation 3,398 feet above NAVD88
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1981-03-25		D	204.36			2		U		U	A

Explanation

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

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320523103294401

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

USGS 320523103294401 25S.34E.29.343322

Lea County, New Mexico
Latitude 32°05'23", Longitude 103°29'44" NAD27
Land-surface elevation 3,321 feet above NAVD88
The depth of the well is 165 feet below land surface.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1970-12-08		D	127.15			2		U		U	A
1976-01-08		D	127.49			2		U		U	A
1981-03-25		D	132.10			2		U		U	A
1986-03-12		D	130.23			2		U		U	A
1991-06-06		D	128.51			2		U		U	A

Explanation

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

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	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02312		CUB	LE	1	2	1	05	25S	33E	632292	3559772	150	90	60
C 02313		CUB	LE	2	3	3	26	25S	33E	636971	3552098*	150	110	40
C 02373 CLW317846	O	CUB	LE	2	1	1	13	25S	33E	638518	3556544*	625	185	440
C 02373 S		CUB	LE	1	2	1	13	25S	33E	638721	3556549*	625	185	440

Average Depth to Water: **142 feet**

Minimum Depth: **90 feet**

Maximum Depth: **185 feet**

Record Count: 4

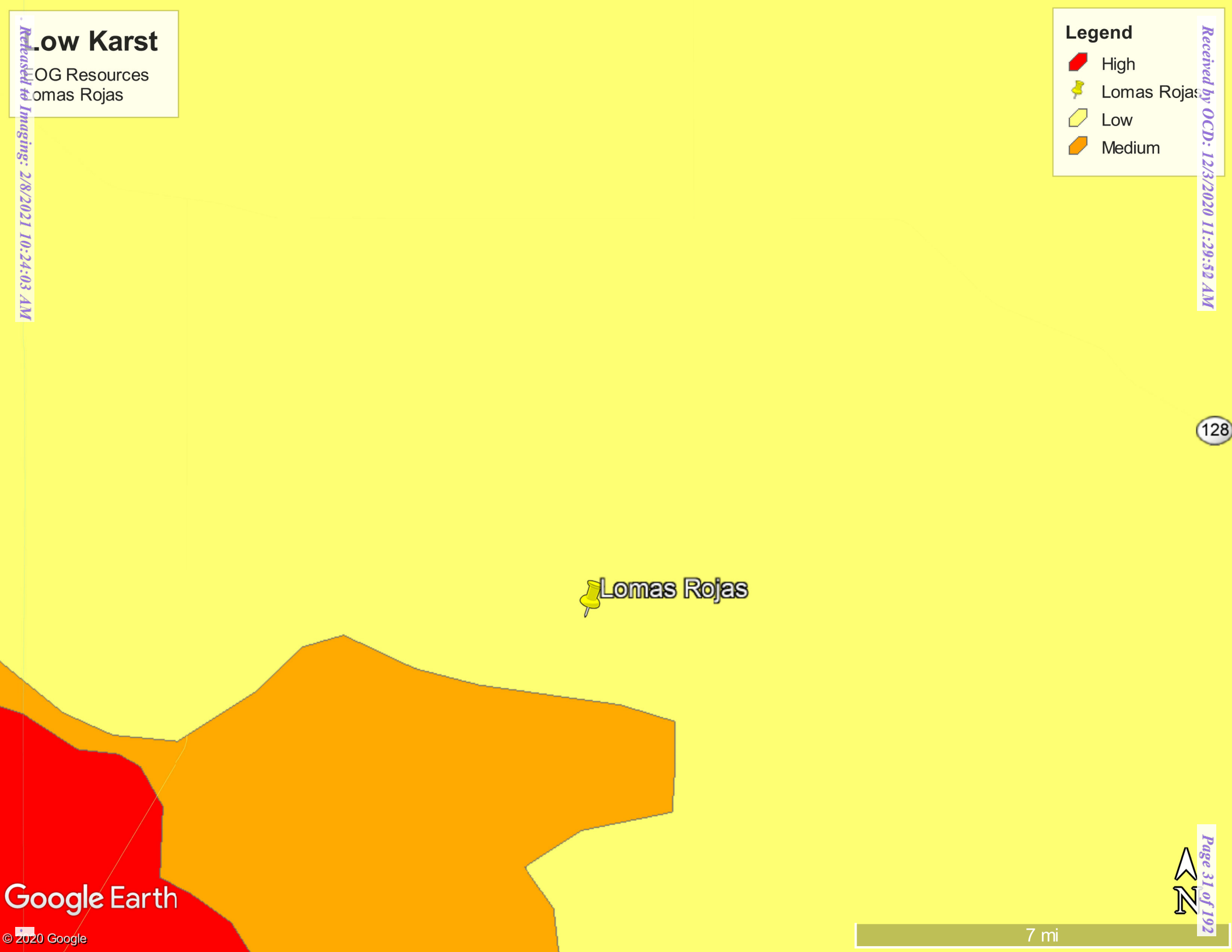
Basin/County Search:

County: Lea

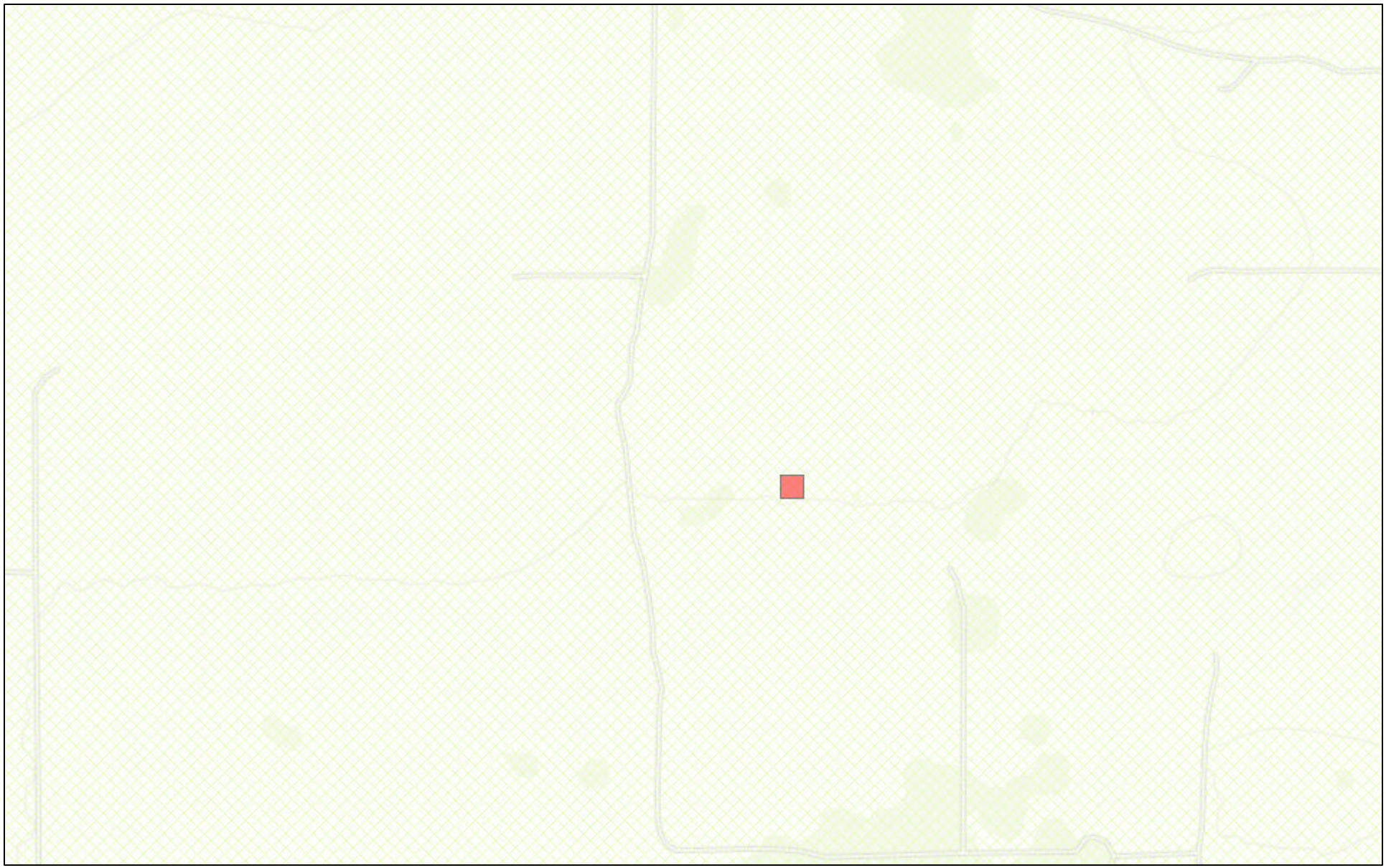
PLSS Search:

Township: 25S **Range:** 33E

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



New Mexico NFHL Data



July 29, 2020

1:18,056

0 0.15 0.3 0.6 mi

0 0.25 0.5 1 km

FEMA
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS,

Appendix C

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Certificate of Analysis Summary 667723

Tetra Tech- Midland, Midland, TX

Project Name: Lomas Rojas Reuse Pit

Project Id:

Contact: Mike Carmona

Project Location: Lea County, New Mexico

Date Received in Lab: Tue 07.21.2020 09:39

Report Date: 07.24.2020 14:19

Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	667723-001		667723-002		667723-003		667723-004		667723-005		667723-006	
	Field Id:	AH-1 0-1'		AH-1 1'-1.5'		AH-1 2'-2.5'		AH-1 3'-3.5'		AH-2 0-1'		AH-2 1'-1.5'	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	07.20.2020 00:00		07.20.2020 00:00		07.20.2020 00:00		07.20.2020 00:00		07.20.2020 00:00		07.20.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	** ** ** **		** ** ** **		** ** ** **		** ** ** **		07.23.2020 09:30		07.23.2020 09:30	
	Analyzed:	07.23.2020 14:52		07.23.2020 15:13		07.23.2020 15:33		07.23.2020 15:54		07.23.2020 11:43		07.23.2020 12:04	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
Toluene		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
Ethylbenzene		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
m,p-Xylenes		<0.00398	0.00398	<0.00400	0.00400	<0.00396	0.00396	<0.00398	0.00398	<0.00400	0.00400	<0.00399	0.00399
o-Xylene		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
Total Xylenes		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
Total BTEX		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
Inorganic Anions by EPA 300/300.1	***Extracted:***	07.21.2020 15:30		07.21.2020 15:30		07.21.2020 15:30		07.21.2020 15:30		07.21.2020 15:30		07.21.2020 15:30	
	Analyzed:	07.21.2020 17:49		07.21.2020 17:56		07.21.2020 18:02		07.21.2020 18:08		07.21.2020 18:14		07.21.2020 18:32	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		2860	24.8	443	5.05	329	5.00	992	4.98	1630	25.2	351	5.02
TPH By SW8015 Mod	***Extracted:***	07.21.2020 12:00		07.21.2020 12:00		07.21.2020 12:00		07.21.2020 12:00		07.21.2020 12:00		07.21.2020 12:00	
	Analyzed:	07.21.2020 13:51		07.21.2020 14:56		07.21.2020 15:17		07.21.2020 15:39		07.21.2020 16:01		07.21.2020 16:22	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0
Total TPH		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0

BRL - Below Reporting Limit

Jessica Kramer

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

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Certificate of Analysis Summary 667723

Tetra Tech- Midland, Midland, TX

Project Name: Lomas Rojas Reuse Pit

Project Id:

Contact: Mike Carmona

Project Location: Lea County, New Mexico

Date Received in Lab: Tue 07.21.2020 09:39

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Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	667723-007		667723-008		667723-009		667723-010		667723-011		667723-012	
	Field Id:	AH-2 2'-2.5'		AH-3 0-1'		AH-3 1'-1.5'		AH-3 2'-2.5'		H-1 0-6"		H-2 0-6"	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	07.20.2020 00:00		07.20.2020 00:00		07.20.2020 00:00		07.20.2020 00:00		07.20.2020 00:00		07.20.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	07.23.2020 09:30		07.23.2020 09:30		07.23.2020 09:30		07.23.2020 09:30		07.23.2020 09:30		07.23.2020 09:30	
	Analyzed:	07.23.2020 12:24		07.23.2020 12:45		07.23.2020 13:05		07.23.2020 13:26		07.23.2020 13:46		07.23.2020 14:06	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199
Toluene		<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199
Ethylbenzene		<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199
m,p-Xylenes		<0.00397	0.00397	<0.00398	0.00398	<0.00403	0.00403	<0.00400	0.00400	<0.00397	0.00397	<0.00398	0.00398
o-Xylene		<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199
Total Xylenes		<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199
Total BTEX		<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199
Inorganic Anions by EPA 300/300.1	***Extracted:***	07.21.2020 15:30		07.21.2020 15:30		07.21.2020 15:30		07.21.2020 15:30		07.21.2020 15:30		07.21.2020 15:30	
	Analyzed:	07.21.2020 18:39		07.21.2020 18:57		07.21.2020 19:03		07.21.2020 19:09		07.21.2020 19:15		07.21.2020 19:22	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		474	4.96	2590	25.0	356	4.98	354	4.99	22.2	5.03	28.1	4.96
TPH By SW8015 Mod	***Extracted:***	07.21.2020 12:00		07.21.2020 12:00		07.21.2020 12:00		07.21.2020 12:00		07.21.2020 12:00		07.21.2020 12:00	
	Analyzed:	07.21.2020 16:44		07.21.2020 17:06		07.21.2020 17:28		07.21.2020 17:49		07.21.2020 18:32		07.21.2020 18:54	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	167	49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	54.4	49.8
Total TPH		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	221	49.8

BRL - Below Reporting Limit

Jessica Kramer

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Certificate of Analysis Summary 667723

Tetra Tech- Midland, Midland, TX

Project Name: Lomas Rojas Reuse Pit

Project Id:

Contact: Mike Carmona

Project Location: Lea County, New Mexico

Date Received in Lab: Tue 07.21.2020 09:39

Report Date: 07.24.2020 14:19

Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	667723-013		667723-014									
	Field Id:	H-3 0-6"		H-4 0-6"									
	Depth:												
	Matrix:	SOIL		SOIL									
	Sampled:	07.20.2020 00:00		07.20.2020 00:00									
BTEX by EPA 8021B	***Extracted:***	07.23.2020 09:30		07.23.2020 09:30									
	Analyzed:	07.23.2020 14:27		07.23.2020 14:47									
	Units/RL:	mg/kg	RL	mg/kg	RL								
Benzene		<0.00201	0.00201	<0.00201	0.00201								
Toluene		<0.00201	0.00201	<0.00201	0.00201								
Ethylbenzene		<0.00201	0.00201	<0.00201	0.00201								
m,p-Xylenes		<0.00402	0.00402	<0.00402	0.00402								
o-Xylene		<0.00201	0.00201	<0.00201	0.00201								
Total Xylenes		<0.00201	0.00201	<0.00201	0.00201								
Total BTEX		<0.00201	0.00201	<0.00201	0.00201								
Inorganic Anions by EPA 300/300.1	***Extracted:***	07.21.2020 15:30		07.21.2020 15:30									
	Analyzed:	07.21.2020 19:28		07.21.2020 19:34									
	Units/RL:	mg/kg	RL	mg/kg	RL								
Chloride		13.8	5.00	28.9	5.00								
TPH By SW8015 Mod	***Extracted:***	07.21.2020 12:00		07.21.2020 12:00									
	Analyzed:	07.21.2020 19:16		07.21.2020 19:37									
	Units/RL:	mg/kg	RL	mg/kg	RL								
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0								
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0								
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0								
Total TPH		<50.0	50.0	<50.0	50.0								

BRL - Below Reporting Limit

Jessica Kramer

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

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Analytical Report 667723

for

Tetra Tech- Midland

Project Manager: Mike Carmona

Lomas Rojas Reuse Pit

07.24.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-36), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-25), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-17)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-22)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-7)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

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07.24.2020

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

Reference: Eurofins Xenco, LLC Report No(s): **667723**
Lomas Rojas Reuse Pit
Project Address: Lea County, New Mexico

Mike Carmona:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 667723. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 667723 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Jessica Kramer

Jessica Kramer
Project Manager

A Small Business and Minority Company

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

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Sample Cross Reference 667723

Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
AH-1 0-1'	S	07.20.2020 00:00		667723-001
AH-1 1'-1.5'	S	07.20.2020 00:00		667723-002
AH-1 2'-2.5'	S	07.20.2020 00:00		667723-003
AH-1 3'-3.5'	S	07.20.2020 00:00		667723-004
AH-2 0-1'	S	07.20.2020 00:00		667723-005
AH-2 1'-1.5'	S	07.20.2020 00:00		667723-006
AH-2 2'-2.5'	S	07.20.2020 00:00		667723-007
AH-3 0-1'	S	07.20.2020 00:00		667723-008
AH-3 1'-1.5'	S	07.20.2020 00:00		667723-009
AH-3 2'-2.5'	S	07.20.2020 00:00		667723-010
H-1 0-6"	S	07.20.2020 00:00		667723-011
H-2 0-6"	S	07.20.2020 00:00		667723-012
H-3 0-6"	S	07.20.2020 00:00		667723-013
H-4 0-6"	S	07.20.2020 00:00		667723-014

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CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: Lomas Rojas Reuse Pit

Project ID:
Work Order Number(s): *667723*

Report Date: *07.24.2020*
Date Received: *07.21.2020*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

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Certificate of Analytical Results 667723

Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-1 0-1'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-001	Date Collected:	07.20.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.21.2020 15:30	Basis:	Wet Weight
Seq Number:	3132264				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2860**	24.8	mg/kg	07.21.2020 17:49		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.21.2020 12:00	Basis:	Wet Weight
Seq Number:	3132286				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	07.21.2020 13:51	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	07.21.2020 13:51	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	07.21.2020 13:51	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	07.21.2020 13:51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	07.21.2020 13:51	
o-Terphenyl	84-15-1	104	%	70-130	07.21.2020 13:51	

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Certificate of Analytical Results 667723

Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-1 0-1'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-001	Date Collected:	07.20.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	07.21.2020 09:00	Basis:	Wet Weight
Seq Number:	3132458				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	07.23.2020 14:52	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	07.23.2020 14:52	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	07.23.2020 14:52	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	07.23.2020 14:52	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	07.23.2020 14:52	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	07.23.2020 14:52	U	1
Total BTEX		<0.00199	0.00199	mg/kg	07.23.2020 14:52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	100	%	70-130	07.23.2020 14:52	
1,4-Difluorobenzene	540-36-3	119	%	70-130	07.23.2020 14:52	

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Certificate of Analytical Results 667723

Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-1 1'-1.5'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-002	Date Collected:	07.20.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.21.2020 15:30	Basis:	Wet Weight
Seq Number:	3132264				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**443**	5.05	mg/kg	07.21.2020 17:56		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.21.2020 12:00	Basis:	Wet Weight
Seq Number:	3132286				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	07.21.2020 14:56	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	07.21.2020 14:56	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	07.21.2020 14:56	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	07.21.2020 14:56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	07.21.2020 14:56	
o-Terphenyl	84-15-1	106	%	70-130	07.21.2020 14:56	

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Certificate of Analytical Results 667723

Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-1 1'-1.5'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-002	Date Collected:	07.20.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	07.21.2020 09:00	Basis:	Wet Weight
Seq Number:	3132458				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	07.23.2020 15:13	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	07.23.2020 15:13	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	07.23.2020 15:13	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	07.23.2020 15:13	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	07.23.2020 15:13	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	07.23.2020 15:13	U	1
Total BTEX		<0.00200	0.00200	mg/kg	07.23.2020 15:13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	111	%	70-130	07.23.2020 15:13	
4-Bromofluorobenzene	460-00-4	106	%	70-130	07.23.2020 15:13	

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Certificate of Analytical Results 667723

Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-1 2'-2.5'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-003	Date Collected:	07.20.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.21.2020 15:30	Basis:	Wet Weight
Seq Number:	3132264				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**329**	5.00	mg/kg	07.21.2020 18:02		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.21.2020 12:00	Basis:	Wet Weight
Seq Number:	3132286				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	07.21.2020 15:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	07.21.2020 15:17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	07.21.2020 15:17	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	07.21.2020 15:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-130	07.21.2020 15:17	
o-Terphenyl	84-15-1	111	%	70-130	07.21.2020 15:17	

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Certificate of Analytical Results 667723

Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-1 2'-2.5'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-003	Date Collected:	07.20.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	07.21.2020 09:00	Basis:	Wet Weight
Seq Number:	3132458				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.23.2020 15:33	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.23.2020 15:33	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.23.2020 15:33	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	07.23.2020 15:33	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.23.2020 15:33	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.23.2020 15:33	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.23.2020 15:33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	115	%	70-130	07.23.2020 15:33	
4-Bromofluorobenzene	460-00-4	98	%	70-130	07.23.2020 15:33	

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Certificate of Analytical Results 667723

Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-1 3'-3.5'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-004	Date Collected:	07.20.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.21.2020 15:30	Basis:	Wet Weight
Seq Number:	3132264				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**992**	4.98	mg/kg	07.21.2020 18:08		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.21.2020 12:00	Basis:	Wet Weight
Seq Number:	3132286				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	07.21.2020 15:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	07.21.2020 15:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	07.21.2020 15:39	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	07.21.2020 15:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-130	07.21.2020 15:39	
o-Terphenyl	84-15-1	110	%	70-130	07.21.2020 15:39	

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Certificate of Analytical Results 667723

Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-1 3'-3.5'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-004	Date Collected:	07.20.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	07.21.2020 09:00	Basis:	Wet Weight
Seq Number:	3132458				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	07.23.2020 15:54	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	07.23.2020 15:54	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	07.23.2020 15:54	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	07.23.2020 15:54	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	07.23.2020 15:54	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	07.23.2020 15:54	U	1
Total BTEX		<0.00199	0.00199	mg/kg	07.23.2020 15:54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	98	%	70-130	07.23.2020 15:54	
1,4-Difluorobenzene	540-36-3	115	%	70-130	07.23.2020 15:54	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-2 0-1'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-005	Date Collected:	07.20.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.21.2020 15:30	Basis:	Wet Weight
Seq Number:	3132264				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1630**	25.2	mg/kg	07.21.2020 18:14		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.21.2020 12:00	Basis:	Wet Weight
Seq Number:	3132286				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	07.21.2020 16:01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	07.21.2020 16:01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	07.21.2020 16:01	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	07.21.2020 16:01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	07.21.2020 16:01	
o-Terphenyl	84-15-1	102	%	70-130	07.21.2020 16:01	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-2 0-1'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-005	Date Collected:	07.20.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	07.23.2020 09:30	Basis:	Wet Weight
Seq Number:	3132492				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	07.23.2020 11:43	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	07.23.2020 11:43	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	07.23.2020 11:43	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	07.23.2020 11:43	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	07.23.2020 11:43	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	07.23.2020 11:43	U	1
Total BTEX		<0.00200	0.00200	mg/kg	07.23.2020 11:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	07.23.2020 11:43	
1,4-Difluorobenzene	540-36-3	101	%	70-130	07.23.2020 11:43	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-2 1'-1.5'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-006	Date Collected:	07.20.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.21.2020 15:30	Basis:	Wet Weight
Seq Number:	3132264				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**351**	5.02	mg/kg	07.21.2020 18:32		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.21.2020 12:00	Basis:	Wet Weight
Seq Number:	3132286				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	07.21.2020 16:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	07.21.2020 16:22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	07.21.2020 16:22	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	07.21.2020 16:22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	07.21.2020 16:22	
o-Terphenyl	84-15-1	104	%	70-130	07.21.2020 16:22	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-2 1'-1.5'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-006	Date Collected:	07.20.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	07.23.2020 09:30	Basis:	Wet Weight
Seq Number:	3132492				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	07.23.2020 12:04	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	07.23.2020 12:04	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	07.23.2020 12:04	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	07.23.2020 12:04	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	07.23.2020 12:04	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	07.23.2020 12:04	U	1
Total BTEX		<0.00200	0.00200	mg/kg	07.23.2020 12:04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	07.23.2020 12:04	
4-Bromofluorobenzene	460-00-4	101	%	70-130	07.23.2020 12:04	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-2 2'-2.5'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-007	Date Collected:	07.20.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.21.2020 15:30	Basis:	Wet Weight
Seq Number:	3132264				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**474**	4.96	mg/kg	07.21.2020 18:39		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.21.2020 12:00	Basis:	Wet Weight
Seq Number:	3132286				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	07.21.2020 16:44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	07.21.2020 16:44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	07.21.2020 16:44	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	07.21.2020 16:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	109	%	70-130	07.21.2020 16:44	
o-Terphenyl	84-15-1	108	%	70-130	07.21.2020 16:44	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-2 2'-2.5'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-007	Date Collected:	07.20.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	07.23.2020 09:30	Basis:	Wet Weight
Seq Number:	3132492				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.23.2020 12:24	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.23.2020 12:24	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.23.2020 12:24	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	07.23.2020 12:24	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.23.2020 12:24	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.23.2020 12:24	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.23.2020 12:24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	07.23.2020 12:24	
1,4-Difluorobenzene	540-36-3	102	%	70-130	07.23.2020 12:24	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-3 0-1'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-008	Date Collected:	07.20.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.21.2020 15:30	Basis:	Wet Weight
Seq Number:	3132264				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2590**	25.0	mg/kg	07.21.2020 18:57		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.21.2020 12:00	Basis:	Wet Weight
Seq Number:	3132286				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	07.21.2020 17:06	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	07.21.2020 17:06	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	07.21.2020 17:06	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	07.21.2020 17:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-130	07.21.2020 17:06	
o-Terphenyl	84-15-1	107	%	70-130	07.21.2020 17:06	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-3 0-1'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-008	Date Collected:	07.20.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	07.23.2020 09:30	Basis:	Wet Weight
Seq Number:	3132492				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	07.23.2020 12:45	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	07.23.2020 12:45	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	07.23.2020 12:45	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	07.23.2020 12:45	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	07.23.2020 12:45	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	07.23.2020 12:45	U	1
Total BTEX		<0.00199	0.00199	mg/kg	07.23.2020 12:45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	07.23.2020 12:45	
1,4-Difluorobenzene	540-36-3	101	%	70-130	07.23.2020 12:45	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-3 1'-1.5'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-009	Date Collected:	07.20.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.21.2020 15:30	Basis:	Wet Weight
Seq Number:	3132264				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**356**	4.98	mg/kg	07.21.2020 19:03		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.21.2020 12:00	Basis:	Wet Weight
Seq Number:	3132286				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	07.21.2020 17:28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	07.21.2020 17:28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	07.21.2020 17:28	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	07.21.2020 17:28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	118	%	70-130	07.21.2020 17:28	
o-Terphenyl	84-15-1	117	%	70-130	07.21.2020 17:28	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-3 1'-1.5'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-009	Date Collected:	07.20.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	07.23.2020 09:30	Basis:	Wet Weight
Seq Number:	3132492				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	07.23.2020 13:05	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	07.23.2020 13:05	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	07.23.2020 13:05	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	07.23.2020 13:05	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	07.23.2020 13:05	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	07.23.2020 13:05	U	1
Total BTEX		<0.00202	0.00202	mg/kg	07.23.2020 13:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	103	%	70-130	07.23.2020 13:05	
1,4-Difluorobenzene	540-36-3	101	%	70-130	07.23.2020 13:05	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-3 2'-2.5'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-010	Date Collected:	07.20.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.21.2020 15:30	Basis:	Wet Weight
Seq Number:	3132264				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**354**	4.99	mg/kg	07.21.2020 19:09		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.21.2020 12:00	Basis:	Wet Weight
Seq Number:	3132286				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	07.21.2020 17:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	07.21.2020 17:49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	07.21.2020 17:49	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	07.21.2020 17:49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	07.21.2020 17:49	
o-Terphenyl	84-15-1	107	%	70-130	07.21.2020 17:49	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**AH-3 2'-2.5'**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-010	Date Collected:	07.20.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	07.23.2020 09:30	Basis:	Wet Weight
Seq Number:	3132492				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	07.23.2020 13:26	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	07.23.2020 13:26	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	07.23.2020 13:26	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	07.23.2020 13:26	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	07.23.2020 13:26	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	07.23.2020 13:26	U	1
Total BTEX		<0.00200	0.00200	mg/kg	07.23.2020 13:26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	07.23.2020 13:26	
1,4-Difluorobenzene	540-36-3	100	%	70-130	07.23.2020 13:26	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**H-1 0-6"**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-011	Date Collected:	07.20.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.21.2020 15:30	Basis:	Wet Weight
Seq Number:	3132264				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**22.2**	5.03	mg/kg	07.21.2020 19:15		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.21.2020 12:00	Basis:	Wet Weight
Seq Number:	3132286				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	07.21.2020 18:32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	07.21.2020 18:32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	07.21.2020 18:32	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	07.21.2020 18:32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	07.21.2020 18:32	
o-Terphenyl	84-15-1	90	%	70-130	07.21.2020 18:32	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**H-1 0-6"**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-011	Date Collected:	07.20.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	07.23.2020 09:30	Basis:	Wet Weight
Seq Number:	3132492				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.23.2020 13:46	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.23.2020 13:46	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.23.2020 13:46	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	07.23.2020 13:46	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.23.2020 13:46	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.23.2020 13:46	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.23.2020 13:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	07.23.2020 13:46	
4-Bromofluorobenzene	460-00-4	100	%	70-130	07.23.2020 13:46	

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Certificate of Analytical Results 667723

Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**H-2 0-6"**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-012	Date Collected:	07.20.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.21.2020 15:30	Basis:	Wet Weight
Seq Number:	3132264				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**28.1**	4.96	mg/kg	07.21.2020 19:22		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.21.2020 12:00	Basis:	Wet Weight
Seq Number:	3132286				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	07.21.2020 18:54	U	1
Diesel Range Organics (DRO)	C10C28DRO	**167**	49.8	mg/kg	07.21.2020 18:54		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**54.4**	49.8	mg/kg	07.21.2020 18:54		1
Total TPH	PHC635	**221**	49.8	mg/kg	07.21.2020 18:54		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-130	07.21.2020 18:54	
o-Terphenyl	84-15-1	88	%	70-130	07.21.2020 18:54	

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Certificate of Analytical Results 667723

Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**H-2 0-6"**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-012	Date Collected:	07.20.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	07.23.2020 09:30	Basis:	Wet Weight
Seq Number:	3132492				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	07.23.2020 14:06	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	07.23.2020 14:06	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	07.23.2020 14:06	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	07.23.2020 14:06	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	07.23.2020 14:06	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	07.23.2020 14:06	U	1
Total BTEX		<0.00199	0.00199	mg/kg	07.23.2020 14:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	88	%	70-130	07.23.2020 14:06	
4-Bromofluorobenzene	460-00-4	84	%	70-130	07.23.2020 14:06	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**H-3 0-6"**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-013	Date Collected:	07.20.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.21.2020 15:30	Basis:	Wet Weight
Seq Number:	3132264				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**13.8**	5.00	mg/kg	07.21.2020 19:28		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.21.2020 12:00	Basis:	Wet Weight
Seq Number:	3132286				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	07.21.2020 19:16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	07.21.2020 19:16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	07.21.2020 19:16	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	07.21.2020 19:16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	07.21.2020 19:16	
o-Terphenyl	84-15-1	86	%	70-130	07.21.2020 19:16	

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Certificate of Analytical Results 667723

Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**H-3 0-6"**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-013	Date Collected:	07.20.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	07.23.2020 09:30	Basis:	Wet Weight
Seq Number:	3132492				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	07.23.2020 14:27	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	07.23.2020 14:27	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	07.23.2020 14:27	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	07.23.2020 14:27	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	07.23.2020 14:27	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	07.23.2020 14:27	U	1
Total BTEX		<0.00201	0.00201	mg/kg	07.23.2020 14:27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	110	%	70-130	07.23.2020 14:27	
1,4-Difluorobenzene	540-36-3	98	%	70-130	07.23.2020 14:27	

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Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**H-4 0-6"**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-014	Date Collected:	07.20.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.21.2020 15:30	Basis:	Wet Weight
Seq Number:	3132264				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**28.9**	5.00	mg/kg	07.21.2020 19:34		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.21.2020 12:00	Basis:	Wet Weight
Seq Number:	3132286				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	07.21.2020 19:37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	07.21.2020 19:37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	07.21.2020 19:37	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	07.21.2020 19:37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	07.21.2020 19:37	
o-Terphenyl	84-15-1	89	%	70-130	07.21.2020 19:37	

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Certificate of Analytical Results 667723

Tetra Tech- Midland, Midland, TX

Lomas Rojas Reuse Pit

Sample Id:	**H-4 0-6"**	Matrix:	Soil	Date Received:	07.21.2020 09:39
Lab Sample Id:	667723-014	Date Collected:	07.20.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	07.23.2020 09:30	Basis:	Wet Weight
Seq Number:	3132492				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	07.23.2020 14:47	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	07.23.2020 14:47	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	07.23.2020 14:47	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	07.23.2020 14:47	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	07.23.2020 14:47	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	07.23.2020 14:47	U	1
Total BTEX		<0.00201	0.00201	mg/kg	07.23.2020 14:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	07.23.2020 14:47	
4-Bromofluorobenzene	460-00-4	105	%	70-130	07.23.2020 14:47	

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Flagging Criteria

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

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

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

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

F RPD exceeded lab control limits.

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

U Analyte was not detected.

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

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

K Sample analyzed outside of recommended hold time.

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

** Surrogate recovered outside laboratory control limit.

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

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

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

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

+ NELAC certification not offered for this compound.

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

QC Summary 667723

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Tetra Tech- Midland

Lomas Rojas Reuse Pit

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3132264 — Matrix: Solid — Date Prep: 07.21.2020
MB Sample Id: 7707770-1-BLK — LCS Sample Id: 7707770-1-BKS — LCSD Sample Id: 7707770-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	270	108	270	108	90-110	0	20	mg/kg	07.21.2020 16:36	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3132264 — Matrix: Soil — Date Prep: 07.21.2020
Parent Sample Id: 667722-038 — MS Sample Id: 667722-038 S — MSD Sample Id: 667722-038 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<4.99	250	263	105	263	105	90-110	0	20	mg/kg	07.21.2020 16:54	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3132264 — Matrix: Soil — Date Prep: 07.21.2020
Parent Sample Id: 667723-005 — MS Sample Id: 667723-005 S — MSD Sample Id: 667723-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	1630	1260	2930	103	2930	103	90-110	0	20	mg/kg	07.21.2020 18:20	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3132286 — Matrix: Solid — Date Prep: 07.21.2020
MB Sample Id: 7707788-1-BLK — LCS Sample Id: 7707788-1-BKS — LCSD Sample Id: 7707788-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	905	91	888	89	70-130	2	20	mg/kg	07.21.2020 13:08	
Diesel Range Organics (DRO)	<50.0	1000	911	91	930	93	70-130	2	20	mg/kg	07.21.2020 13:08	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	106		95		105		70-130	%	07.21.2020 13:08
o-Terphenyl	106		91		100		70-130	%	07.21.2020 13:08

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3132286 — Matrix: Solid — Date Prep: 07.21.2020
MB Sample Id: 7707788-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	07.21.2020 12:46	

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

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QC Summary 667723

Tetra Tech- Midland

Lomas Rojas Reuse Pit

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3132286 Matrix: Soil Date Prep: 07.21.2020
Parent Sample Id: 667723-001 MS Sample Id: 667723-001 S MSD Sample Id: 667723-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	852	85	869	87	70-130	2	20	mg/kg	07.21.2020 14:12	
Diesel Range Organics (DRO)	<49.9	997	896	90	924	92	70-130	3	20	mg/kg	07.21.2020 14:12	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	109		111		70-130	%	07.21.2020 14:12
o-Terphenyl	104		107		70-130	%	07.21.2020 14:12

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3132458 Matrix: Solid Date Prep: 07.21.2020
MB Sample Id: 7707950-1-BLK LCS Sample Id: 7707950-1-BKS LCSD Sample Id: 7707950-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.105	105	0.103	103	70-130	2	35	mg/kg	07.23.2020 06:19	
Toluene	<0.00200	0.100	0.0974	97	0.0965	97	70-130	1	35	mg/kg	07.23.2020 06:19	
Ethylbenzene	<0.00200	0.100	0.0933	93	0.0919	92	70-130	2	35	mg/kg	07.23.2020 06:19	
m,p-Xylenes	<0.00400	0.200	0.179	90	0.179	90	70-130	0	35	mg/kg	07.23.2020 06:19	
o-Xylene	<0.00200	0.100	0.0894	89	0.0901	90	70-130	1	35	mg/kg	07.23.2020 06:19	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	108		102		100		70-130	%	07.23.2020 06:19
4-Bromofluorobenzene	100		103		103		70-130	%	07.23.2020 06:19

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3132492 Matrix: Solid Date Prep: 07.23.2020
MB Sample Id: 7707985-1-BLK LCS Sample Id: 7707985-1-BKS LCSD Sample Id: 7707985-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0951	95	0.0958	96	70-130	1	35	mg/kg	07.23.2020 09:22	
Toluene	<0.00200	0.100	0.0968	97	0.0941	94	70-130	3	35	mg/kg	07.23.2020 09:22	
Ethylbenzene	<0.00200	0.100	0.0965	97	0.0958	96	70-130	1	35	mg/kg	07.23.2020 09:22	
m,p-Xylenes	<0.00400	0.200	0.195	98	0.195	98	70-130	0	35	mg/kg	07.23.2020 09:22	
o-Xylene	<0.00200	0.100	0.0955	96	0.0956	96	70-130	0	35	mg/kg	07.23.2020 09:22	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	101		99		99		70-130	%	07.23.2020 09:22
4-Bromofluorobenzene	102		101		101		70-130	%	07.23.2020 09:22

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

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

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

QC Summary 667723

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Tetra Tech- Midland

Lomas Rojas Reuse Pit

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3132458 Matrix: Soil Date Prep: 07.21.2020
Parent Sample Id: 667722-032 MS Sample Id: 667722-032 S MSD Sample Id: 667722-032 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.0998	0.0887	89	0.0743	75	70-130	18	35	mg/kg	07.23.2020 07:00	
Toluene	<0.00200	0.0998	0.0824	83	0.0724	73	70-130	13	35	mg/kg	07.23.2020 07:00	
Ethylbenzene	<0.00200	0.0998	0.0779	78	0.0701	70	70-130	11	35	mg/kg	07.23.2020 07:00	
m,p-Xylenes	<0.00399	0.200	0.150	75	0.137	69	70-130	9	35	mg/kg	07.23.2020 07:00	X
o-Xylene	<0.00200	0.0998	0.0754	76	0.0698	70	70-130	8	35	mg/kg	07.23.2020 07:00	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	101		100		70-130	%	07.23.2020 07:00
4-Bromofluorobenzene	104		104		70-130	%	07.23.2020 07:00

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3132492 Matrix: Soil Date Prep: 07.23.2020
Parent Sample Id: 667723-011 MS Sample Id: 667723-011 S MSD Sample Id: 667723-011 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.0998	0.0867	87	0.0889	89	70-130	3	35	mg/kg	07.23.2020 10:20	
Toluene	<0.00200	0.0998	0.0766	77	0.0874	88	70-130	13	35	mg/kg	07.23.2020 10:20	
Ethylbenzene	<0.00200	0.0998	0.0856	86	0.0886	89	70-130	3	35	mg/kg	07.23.2020 10:20	
m,p-Xylenes	<0.00399	0.200	0.173	87	0.179	90	70-130	3	35	mg/kg	07.23.2020 10:20	
o-Xylene	<0.00200	0.0998	0.0849	85	0.0880	88	70-130	4	35	mg/kg	07.23.2020 10:20	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	98		99		70-130	%	07.23.2020 10:20
4-Bromofluorobenzene	99		101		70-130	%	07.23.2020 10:20

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

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

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

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

1607723

Client Name: EOG	**Site Manager:** Mike Carmona
Project Name: Lomas Rojas Reuse Pit	
Project Location: (county, state) Lea County, New Mexico	**Project #:**
Invoice to: Galan Kelley	
Receiving Laboratory: Xenco	**Sampler Signature:** Devin Dominguez
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	AH-1 0-1'	7/20/2020			X				X			1	N	X		X												X						
	AH-1 1'-1.5'	7/20/2020			X				X			1	N	X		X												X						
	AH-1 2'-2.5'	7/20/2020			X				X			1	N	X		X												X						
	AH-1 3'-3.5'	7/20/2020			X				X			1	N	X		X												X						
	AH-2 0-1'	7/20/2020			X				X			1	N	X		X												X						
	AH-2 1'-1.5'	7/20/2020			X				X			1	N	X		X												X						
	AH-2 2'-2.5'	7/20/2020			X				X			1	N	X		X												X						
	AH-3 0-1'	7/20/2020			X				X			1	N	X		X												X						
	AH-3 1'-1.5'	7/20/2020			X				X			1	N	X		X												X						
	AH-3 2'-2.5'	7/20/2020			X				X			1	N	X		X												X						

Relinquished by:	Date: 7/21	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Received by: Date: 7/21 Time: 939

LAB USE ONLY
Sample Temperature 2.3/1.9

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

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

160773

Client Name: EOG	**Site Manager:** Mike Carmona
Project Name: Lomas Rojas Reuse Pit	
Project Location: (county, state) Lea County, New Mexico	**Project #:**
Invoice to: Galan Kelley	
Receiving Laboratory: Xenco	**Sampler Signature:** Devin Dominguez
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R			Hold
	H-1 0-6'	7/20/2020			X				X		1	N	X		X												X							
	H-2 0-6'	7/20/2020			X				X		1	N	X		X												X							
	H-3 0-6'	7/20/2020			X				X		1	N	X		X												X							
	H-4 0-6'	7/20/2020			X				X		1	N	X		X												X							

Relinquished by:	Date: 7/21	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Received by: Date: 7/21 Time: 939

LAB USE ONLY

Sample Temperature 2.3/1.9

REMARKS:

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

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Date/ Time Received: 07.21.2020 09.39.00 AM

Work Order #: 667723

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

Temperature Measuring device used : IR-8

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	1.9	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6*Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Any missing/extra samples?	**No**	
#9 Chain of Custody signed when relinquished/ received?	**Yes**	
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**	
#11 Container label(s) legible and intact?	**Yes**	
#12 Samples in proper container/ bottle?	**Yes**	BTEX was in bulk container
#13 Samples properly preserved?	**Yes**	
#14 Sample container(s) intact?	**Yes**	
#15 Sufficient sample amount for indicated test(s)?	**Yes**	
#16 All samples received within hold time?	**Yes**	
#17 Subcontract of sample(s)?	**N/A**	
#18 Water VOC samples have zero headspace?	**N/A**	

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

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 07.21.2020
Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 07.21.2020
Jessica Kramer

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Certificate of Analysis Summary 672141

Tetra Tech- Midland, Midland, TX

Project Name: EOG Lomas Rojas

Project Id: 212C-MD-02278
Contact: Mike Carmona
Project Location: Lea County, NM

Date Received in Lab: Wed 09.09.2020 14:58
Report Date: 09.14.2020 08:10
Project Manager: Jessica Kramer

Analysis Requested	*Lab Id:*	672141-001		672141-002		672141-003		672141-004		672141-005		672141-006	
	Field Id:	Bottom Hole #1 (1.5' BEB		Bottom Hole #2 (1.5' BEB		Bottom Hole #3 (1.5' BEB		Bottom Hole #4 (1.5' BEB		Bottom Hole #5 (1.5' BEB		Bottom Hole #6 (1.5' BEB	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00	
BTEX by EPA 8021B	*Extracted:*	09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00	
	Analyzed:	09.09.2020 15:55		09.09.2020 16:16		09.09.2020 16:36		09.09.2020 17:59		09.09.2020 18:19		09.09.2020 18:40	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200
Toluene		<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200
Ethylbenzene		<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200
m,p-Xylenes		<0.00400	0.00400	<0.00398	0.00398	<0.00397	0.00397	<0.00399	0.00399	<0.00399	0.00399	<0.00399	0.00399
o-Xylene		<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200
Total Xylenes		<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200
Total BTEX		<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200
Inorganic Anions by EPA 300/300.1	*Extracted:*	09.09.2020 17:30		09.09.2020 17:30		09.09.2020 17:30		09.09.2020 17:30		09.09.2020 17:30		09.09.2020 17:30	
	Analyzed:	09.09.2020 18:45		09.09.2020 19:00		09.09.2020 19:06		09.09.2020 19:11		09.09.2020 19:16		09.09.2020 19:32	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		138	5.04	101	4.98	10.7	4.96	11.2	5.00	12.2	5.02	25.9	4.99
TPH By SW8015 Mod	*Extracted:*	09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00	
	Analyzed:	09.09.2020 18:13		09.09.2020 19:17		09.09.2020 19:39		09.09.2020 20:00		09.09.2020 20:22		09.09.2020 20:43	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8
Diesel Range Organics (DRO)		<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8
Total TPH		<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8

BRL - Below Reporting Limit

Jessica Kramer

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

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Certificate of Analysis Summary 672141

Tetra Tech- Midland, Midland, TX

Project Name: EOG Lomas Rojas

Project Id: 212C-MD-02278
Contact: Mike Carmona
Project Location: Lea County, NM

Date Received in Lab: Wed 09.09.2020 14:58
Report Date: 09.14.2020 08:10
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	672141-007		672141-008		672141-009		672141-010		672141-011		672141-012	
	Field Id:	Bottom Hole #7 (1.5' BEB		Bottom Hole #8 (1.5' BEB		Bottom Hole #9 (1.5' BEB		Bottom Hole #10 (1.5' BE		Bottom Hole #11 (1.5' BE		Bottom Hole #12 (1.5' BE	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00	
	Analyzed:	09.09.2020 19:00		09.09.2020 19:20		09.09.2020 19:41		09.09.2020 20:01		09.09.2020 20:22		09.09.2020 20:42	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00199	0.00199	<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199
Toluene		<0.00199	0.00199	<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199
Ethylbenzene		<0.00199	0.00199	<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199
m,p-Xylenes		<0.00398	0.00398	<0.00402	0.00402	<0.00398	0.00398	<0.00401	0.00401	<0.00403	0.00403	<0.00398	0.00398
o-Xylene		<0.00199	0.00199	<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199
Total Xylenes		<0.00199	0.00199	<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199
Total BTEX		<0.00199	0.00199	<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199
Inorganic Anions by EPA 300/300.1	***Extracted:***	09.09.2020 17:30		09.09.2020 17:30		09.09.2020 17:30		09.09.2020 17:30		09.09.2020 17:30		09.09.2020 17:30	
	Analyzed:	09.09.2020 19:37		09.09.2020 19:42		09.09.2020 19:48		09.09.2020 19:53		09.09.2020 19:58		09.09.2020 20:14	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		41.0	4.95	36.9	4.95	20.1	4.97	191	4.96	45.9	5.04	330	4.97
TPH By SW8015 Mod	***Extracted:***	09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00	
	Analyzed:	09.09.2020 21:05		09.09.2020 21:26		09.09.2020 21:48		09.09.2020 22:10		09.09.2020 22:52		09.09.2020 23:14	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0
Total TPH		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0

BRL - Below Reporting Limit

Jessica Kramer

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Certificate of Analysis Summary 672141

Tetra Tech- Midland, Midland, TX

Project Name: EOG Lomas Rojas

Project Id: 212C-MD-02278
Contact: Mike Carmona
Project Location: Lea County, NM

Date Received in Lab: Wed 09.09.2020 14:58
Report Date: 09.14.2020 08:10
Project Manager: Jessica Kramer

Analysis Requested	*Lab Id:*	672141-013		672141-014		672141-015		672141-016		672141-017		672141-018	
	Field Id:	Bottom Hole #13 (1.5' BE		Bottom Hole #14 (1.5' BE		Bottom Hole #15 (1.5' BE		Bottom Hole #16 (1.5' BE		Bottom Hole #17 (1.5' BE		Bottom Hole #18 (1.5' BE	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00	
BTEX by EPA 8021B	*Extracted:*	09.09.2020 15:00		09.09.2020 15:30		09.09.2020 15:30		09.09.2020 15:30		09.09.2020 15:30		09.09.2020 15:30	
	Analyzed:	09.09.2020 21:03		09.09.2020 18:23		09.09.2020 18:44		09.09.2020 19:05		09.09.2020 19:25		09.09.2020 19:46	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00200	0.00200
Toluene		<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00200	0.00200
Ethylbenzene		<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00200	0.00200
m,p-Xylenes		<0.00397	0.00397	<0.00401	0.00401	<0.00402	0.00402	<0.00403	0.00403	<0.00402	0.00402	<0.00401	0.00401
o-Xylene		<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00200	0.00200
Total Xylenes		<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00200	0.00200
Total BTEX		<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00200	0.00200
Inorganic Anions by EPA 300/300.1	*Extracted:*	09.09.2020 17:30		09.09.2020 17:30		09.09.2020 17:30		09.09.2020 17:30		09.09.2020 17:30		09.09.2020 17:30	
	Analyzed:	09.09.2020 20:19		09.09.2020 20:35		09.09.2020 20:40		09.09.2020 20:45		09.09.2020 20:51		09.09.2020 20:56	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		407	5.00	382	5.02	21.2	5.00	15.9	4.96	47.0	5.03	17.4	4.99
TPH By SW8015 Mod	*Extracted:*	09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00	
	Analyzed:	09.09.2020 23:35		09.09.2020 23:57		09.10.2020 00:18		09.10.2020 00:40		09.10.2020 01:01		09.10.2020 01:23	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.8	49.8	<49.9	49.9
Diesel Range Organics (DRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.8	49.8	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.8	49.8	<49.9	49.9
Total TPH		<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.8	49.8	<49.9	49.9

BRL - Below Reporting Limit

Jessica Kramer

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

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Certificate of Analysis Summary 672141

Tetra Tech- Midland, Midland, TX

Project Name: EOG Lomas Rojas

Project Id: 212C-MD-02278
Contact: Mike Carmona
Project Location: Lea County, NM

Date Received in Lab: Wed 09.09.2020 14:58
Report Date: 09.14.2020 08:10
Project Manager: Jessica Kramer

Analysis Requested	*Lab Id:*	672141-019		672141-020		672141-021		672141-022		672141-023		672141-024	
	Field Id:	Bottom Hole #19 (1.5' BE		Bottom Hole #20 (1.5' BE		Bottom Hole #21 (1.5' BE		Bottom Hole #22 (1.5' BE		Bottom Hole #23 (1.5' BE		Bottom Hole #24 (1.5' BE	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00	
BTEX by EPA 8021B	*Extracted:*	09.09.2020 15:30		09.09.2020 15:30		09.09.2020 15:30		09.09.2020 15:30		09.09.2020 15:30		09.10.2020 09:00	
	Analyzed:	09.09.2020 20:06		09.09.2020 20:27		09.09.2020 20:48		09.09.2020 21:08		09.09.2020 21:29		09.10.2020 15:08	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
Toluene		<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
Ethylbenzene		<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
m,p-Xylenes		<0.00402	0.00402	<0.00398	0.00398	<0.00399	0.00399	<0.00398	0.00398	<0.00401	0.00401	<0.00399	0.00399
o-Xylene		<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
Total Xylenes		<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
Total BTEX		<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200
Inorganic Anions by EPA 300/300.1	*Extracted:*	09.09.2020 17:30		09.09.2020 17:30		09.09.2020 17:40		09.09.2020 17:40		09.09.2020 17:40		09.09.2020 17:40	
	Analyzed:	09.09.2020 21:01		09.09.2020 21:06		09.09.2020 21:41		09.09.2020 22:00		09.09.2020 22:07		09.09.2020 22:13	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		39.6	4.96	41.0	4.98	8.14	5.05	17.0	5.00	11.7	4.97	11.2	4.99
TPH By SW8015 Mod	*Extracted:*	09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00	
	Analyzed:	09.10.2020 01:44		09.10.2020 02:06		09.09.2020 18:13		09.09.2020 19:17		09.09.2020 19:39		09.09.2020 20:00	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0
Total TPH		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0

BRL - Below Reporting Limit

Jessica Kramer

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Certificate of Analysis Summary 672141

Tetra Tech- Midland, Midland, TX

Project Name: EOG Lomas Rojas

Project Id: 212C-MD-02278
Contact: Mike Carmona
Project Location: Lea County, NM

Date Received in Lab: Wed 09.09.2020 14:58
Report Date: 09.14.2020 08:10
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	672141-025		672141-026		672141-027		672141-028		672141-029		672141-030	
	Field Id:	Bottom Hole #25 (1.5' BE		Bottom Hole #26 (4.5' BE		Bottom Hole #27 (4.5' BE		Bottom Hole #28 (4.5' BE		Bottom Hole #29 (4.5' BE		Bottom Hole #30 (4.5' BE	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	09.10.2020 09:00		09.10.2020 09:00		09.10.2020 09:00		09.10.2020 09:00		09.10.2020 09:00		09.10.2020 09:00	
	Analyzed:	09.10.2020 15:29		09.10.2020 15:50		09.10.2020 16:10		09.10.2020 16:31		09.10.2020 18:11		09.10.2020 18:32	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
Toluene		<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
Ethylbenzene		<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
m,p-Xylenes		<0.00398	0.00398	<0.00402	0.00402	<0.00397	0.00397	<0.00398	0.00398	<0.00399	0.00399	<0.00402	0.00402
o-Xylene		<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
Total Xylenes		<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
Total BTEX		<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
Inorganic Anions by EPA 300/300.1	***Extracted:***	09.09.2020 17:40		09.09.2020 17:40		09.09.2020 17:40		09.09.2020 17:40		09.09.2020 17:40		09.09.2020 17:40	
	Analyzed:	09.09.2020 22:19		09.09.2020 22:38		09.09.2020 22:45		09.09.2020 22:51		09.09.2020 22:57		09.09.2020 23:04	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		<5.03	5.03	134	4.96	117	4.95	234	5.04	604	4.99	98.6	4.96
TPH By SW8015 Mod	***Extracted:***	09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00	
	Analyzed:	09.09.2020 20:22		09.09.2020 20:43		09.09.2020 21:05		09.09.2020 21:26		09.09.2020 21:48		09.09.2020 22:10	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Diesel Range Organics (DRO)		<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Total TPH		<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0

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Certificate of Analysis Summary 672141

Tetra Tech- Midland, Midland, TX

Project Name: EOG Lomas Rojas

Project Id: 212C-MD-02278
Contact: Mike Carmona
Project Location: Lea County, NM

Date Received in Lab: Wed 09.09.2020 14:58
Report Date: 09.14.2020 08:10
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	672141-031		672141-032		672141-033		672141-034		672141-035		672141-036	
	Field Id:	Bottom Hole #31 (4.5' BE		Bottom Hole #32 (4.5' BE		Bottom Hole #33 (4.5' BE		Bottom Hole #34 (4.5' BE		Sidewall 1		Sidewall 2	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	09.10.2020 09:00		09.10.2020 09:00		09.10.2020 09:00		09.09.2020 17:00		09.09.2020 17:00		09.09.2020 17:00	
	Analyzed:	09.10.2020 18:53		09.10.2020 19:13		09.10.2020 19:34		09.10.2020 00:26		09.10.2020 00:46		09.10.2020 01:07	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202
Toluene		<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202
Ethylbenzene		<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202
m,p-Xylenes		<0.00398	0.00398	<0.00397	0.00397	<0.00396	0.00396	<0.00399	0.00399	<0.00402	0.00402	<0.00404	0.00404
o-Xylene		<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202
Total Xylenes		<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202
Total BTEX		<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00202	0.00202
Inorganic Anions by EPA 300/300.1	***Extracted:***	09.09.2020 17:40		09.09.2020 17:40		09.09.2020 17:40		09.09.2020 17:40		09.09.2020 17:40		09.09.2020 17:40	
	Analyzed:	09.09.2020 23:10		09.09.2020 23:29		09.09.2020 23:35		09.09.2020 23:54		09.10.2020 00:01		09.10.2020 00:07	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		106	5.00	268	4.95	807	5.02	134	4.99	12.0	4.97	<4.98	4.98
TPH By SW8015 Mod	***Extracted:***	09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00	
	Analyzed:	09.09.2020 22:52		09.10.2020 08:33		09.10.2020 08:54		09.10.2020 09:15		09.10.2020 09:37		09.10.2020 09:59	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Total TPH		<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0

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Certificate of Analysis Summary 672141

Tetra Tech- Midland, Midland, TX

Project Name: EOG Lomas Rojas

Project Id: 212C-MD-02278
Contact: Mike Carmona
Project Location: Lea County, NM

Date Received in Lab: Wed 09.09.2020 14:58
Report Date: 09.14.2020 08:10
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	672141-037		672141-038		672141-039		672141-040		672141-041		672141-042	
	Field Id:	Sidewall 3		Sidewall 4		Sidewall 5		Sidewall 6		Sidewall 7		Sidewall 8	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00		09.08.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	09.09.2020 17:00		09.09.2020 17:00		09.09.2020 17:00		09.09.2020 17:00		09.09.2020 17:00		09.09.2020 17:00	
	Analyzed:	09.10.2020 01:27		09.10.2020 01:48		09.10.2020 02:08		09.10.2020 02:29		09.10.2020 02:49		09.10.2020 03:10	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
Toluene		<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
Ethylbenzene		<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
m,p-Xylenes		<0.00401	0.00401	<0.00398	0.00398	<0.00402	0.00402	<0.00396	0.00396	<0.00398	0.00398	<0.00400	0.00400
o-Xylene		<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
Total Xylenes		<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
Total BTEX		<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
Inorganic Anions by EPA 300/300.1	***Extracted:***	09.09.2020 17:40		09.09.2020 17:40		09.10.2020 09:00		09.10.2020 09:00		09.10.2020 09:00		09.10.2020 09:00	
	Analyzed:	09.10.2020 00:13		09.10.2020 00:20		09.10.2020 12:06		09.10.2020 12:22		09.10.2020 12:27		09.10.2020 12:43	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		<5.02	5.02	13.4	4.97	22.1	5.02	19.6	4.97	57.7	4.99	12.3	4.96
TPH By SW8015 Mod	***Extracted:***	09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00		09.09.2020 15:00	
	Analyzed:	09.10.2020 10:20		09.10.2020 10:42		09.10.2020 11:04		09.10.2020 11:25		09.10.2020 11:47		09.10.2020 08:33	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8
Diesel Range Organics (DRO)		<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8
Total TPH		<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8

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Certificate of Analysis Summary 672141

Tetra Tech- Midland, Midland, TX

Project Name: EOG Lomas Rojas

Project Id: 212C-MD-02278
Contact: Mike Carmona
Project Location: Lea County, NM

Date Received in Lab: Wed 09.09.2020 14:58
Report Date: 09.14.2020 08:10
Project Manager: Jessica Kramer

Analysis Requested							
	Lab Id:	672141-043	672141-044				
	Field Id:	Sidewall 9	Sidewall 10				
	Depth:						
	Matrix:	SOIL	SOIL				
	Sampled:	09.08.2020 00:00	09.08.2020 00:00				
BTEX by EPA 8021B	***Extracted:***	09.09.2020 17:00	09.09.2020 17:00				
	Analyzed:	09.10.2020 04:55	09.10.2020 05:15				
	Units/RL:	mg/kg RL	mg/kg RL				
Benzene		<0.00200 0.00200	<0.00199 0.00199				
Toluene		<0.00200 0.00200	<0.00199 0.00199				
Ethylbenzene		<0.00200 0.00200	<0.00199 0.00199				
m,p-Xylenes		<0.00400 0.00400	<0.00398 0.00398				
o-Xylene		<0.00200 0.00200	<0.00199 0.00199				
Total Xylenes		<0.00200 0.00200	<0.00199 0.00199				
Total BTEX		<0.00200 0.00200	<0.00199 0.00199				
Inorganic Anions by EPA 300/300.1	***Extracted:***	09.10.2020 09:00	09.10.2020 09:00				
	Analyzed:	09.10.2020 12:48	09.10.2020 12:53				
	Units/RL:	mg/kg RL	mg/kg RL				
Chloride		10.8 5.02	10.0 4.95				
TPH By SW8015 Mod	***Extracted:***	09.09.2020 15:00	09.09.2020 15:00				
	Analyzed:	09.10.2020 08:54	09.10.2020 06:52				
	Units/RL:	mg/kg RL	mg/kg RL				
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<49.9 49.9				
Diesel Range Organics (DRO)		<50.0 50.0	<49.9 49.9				
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<49.9 49.9				
Total TPH		<50.0 50.0	<49.9 49.9				

BRL - Below Reporting Limit

Jessica Kramer

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Analytical Report 672141

for

Tetra Tech- Midland

Project Manager: Mike Carmona

EOG Lomas Rojas

212C-MD-02278

09.14.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (20-035-0)

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

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

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09.14.2020

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

Reference: Eurofins Xenco, LLC Report No(s): **672141**
EOG Lomas Rojas
Project Address: Lea County, NM

Mike Carmona:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 672141. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 672141 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Jessica Kramer

Jessica Kramer
Project Manager

A Small Business and Minority Company

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

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Sample Cross Reference 672141

Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Bottom Hole #1 (1.5' BEB)	S	09.08.2020 00:00		672141-001
Bottom Hole #2 (1.5' BEB)	S	09.08.2020 00:00		672141-002
Bottom Hole #3 (1.5' BEB)	S	09.08.2020 00:00		672141-003
Bottom Hole #4 (1.5' BEB)	S	09.08.2020 00:00		672141-004
Bottom Hole #5 (1.5' BEB)	S	09.08.2020 00:00		672141-005
Bottom Hole #6 (1.5' BEB)	S	09.08.2020 00:00		672141-006
Bottom Hole #7 (1.5' BEB)	S	09.08.2020 00:00		672141-007
Bottom Hole #8 (1.5' BEB)	S	09.08.2020 00:00		672141-008
Bottom Hole #9 (1.5' BEB)	S	09.08.2020 00:00		672141-009
Bottom Hole #10 (1.5' BEB)	S	09.08.2020 00:00		672141-010
Bottom Hole #11 (1.5' BEB)	S	09.08.2020 00:00		672141-011
Bottom Hole #12 (1.5' BEB)	S	09.08.2020 00:00		672141-012
Bottom Hole #13 (1.5' BEB)	S	09.08.2020 00:00		672141-013
Bottom Hole #14 (1.5' BEB)	S	09.08.2020 00:00		672141-014
Bottom Hole #15 (1.5' BEB)	S	09.08.2020 00:00		672141-015
Bottom Hole #16 (1.5' BEB)	S	09.08.2020 00:00		672141-016
Bottom Hole #17 (1.5' BEB)	S	09.08.2020 00:00		672141-017
Bottom Hole #18 (1.5' BEB)	S	09.08.2020 00:00		672141-018
Bottom Hole #19 (1.5' BEB)	S	09.08.2020 00:00		672141-019
Bottom Hole #20 (1.5' BEB)	S	09.08.2020 00:00		672141-020
Bottom Hole #21 (1.5' BEB)	S	09.08.2020 00:00		672141-021
Bottom Hole #22 (1.5' BEB)	S	09.08.2020 00:00		672141-022
Bottom Hole #23 (1.5' BEB)	S	09.08.2020 00:00		672141-023
Bottom Hole #24 (1.5' BEB)	S	09.08.2020 00:00		672141-024
Bottom Hole #25 (1.5' BEB)	S	09.08.2020 00:00		672141-025
Bottom Hole #26 (4.5' BEB)	S	09.08.2020 00:00		672141-026
Bottom Hole #27 (4.5' BEB)	S	09.08.2020 00:00		672141-027
Bottom Hole #28 (4.5' BEB)	S	09.08.2020 00:00		672141-028
Bottom Hole #29 (4.5' BEB)	S	09.08.2020 00:00		672141-029
Bottom Hole #30 (4.5' BEB)	S	09.08.2020 00:00		672141-030
Bottom Hole #31 (4.5' BEB)	S	09.08.2020 00:00		672141-031
Bottom Hole #32 (4.5' BEB)	S	09.08.2020 00:00		672141-032
Bottom Hole #33 (4.5' BEB)	S	09.08.2020 00:00		672141-033
Bottom Hole #34 (4.5' BEB)	S	09.08.2020 00:00		672141-034
Sidewall 1	S	09.08.2020 00:00		672141-035
Sidewall 2	S	09.08.2020 00:00		672141-036
Sidewall 3	S	09.08.2020 00:00		672141-037
Sidewall 4	S	09.08.2020 00:00		672141-038
Sidewall 5	S	09.08.2020 00:00		672141-039
Sidewall 6	S	09.08.2020 00:00		672141-040
Sidewall 7	S	09.08.2020 00:00		672141-041
Sidewall 8	S	09.08.2020 00:00		672141-042
Sidewall 9	S	09.08.2020 00:00		672141-043

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Sample Cross Reference 672141

Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sidewall 10	S	09.08.2020 00:00	672141-044

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CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: EOG Lomas Rojas

Project ID: *212C-MD-02278*
Work Order Number(s): *672141*

Report Date: *09.14.2020*
Date Received: *09.09.2020*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3136674 BTEX by EPA 8021B
Surrogate 4-Bromofluorobenzene recovered below QC limits. Matrix interferences is suspected.
Samples affected are: 672141-004.

Batch: LBA-3136744 BTEX by EPA 8021B
Lab Sample ID 672141-035 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD).
Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 672141-034, -035, -036, -037, -038, -039, -040, -041, -042, -043, -044.
The Laboratory Control Sample for Toluene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

m,p-Xylenes, o-Xylene Relative Percent Difference (RPD) between matrix spike and duplicate were above quality control limits.
Samples in the analytical batch are: 672141-034, -035, -036, -037, -038, -039, -040, -041, -042, -043, -044

Surrogate 4-Bromofluorobenzene recovered above QC limits. Samples affected are: 7711052-1-BKS,7711052-1-BSD,672141-035 SD.

Batch: LBA-3136787 TPH By SW8015 Mod
Gasoline Range Hydrocarbons (GRO) RPD was outside laboratory control limits.
Samples in the analytical batch are: 672141-041, -042, -043, -044

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #1 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-001 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**138**	5.04	mg/kg	09.09.2020 18:45		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.09.2020 18:13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.09.2020 18:13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.09.2020 18:13	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.09.2020 18:13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	09.09.2020 18:13	
o-Terphenyl	84-15-1	87	%	70-130	09.09.2020 18:13	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #1 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-001	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:00	Basis:	Wet Weight
Seq Number:	3136674				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.09.2020 15:55	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.09.2020 15:55	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.09.2020 15:55	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.09.2020 15:55	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.09.2020 15:55	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.09.2020 15:55	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.09.2020 15:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	99	%	70-130	09.09.2020 15:55	
1,4-Difluorobenzene	540-36-3	103	%	70-130	09.09.2020 15:55	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #2 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-002 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**101**	4.98	mg/kg	09.09.2020 19:00		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.09.2020 19:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.09.2020 19:17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.09.2020 19:17	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.09.2020 19:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	09.09.2020 19:17	
o-Terphenyl	84-15-1	89	%	70-130	09.09.2020 19:17	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #2 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-002	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:00	Basis:	Wet Weight
Seq Number:	3136674				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.09.2020 16:16	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.09.2020 16:16	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.09.2020 16:16	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.09.2020 16:16	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.09.2020 16:16	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.09.2020 16:16	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.09.2020 16:16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	99	%	70-130	09.09.2020 16:16	
1,4-Difluorobenzene	540-36-3	105	%	70-130	09.09.2020 16:16	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #3 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-003 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**10.7**	4.96	mg/kg	09.09.2020 19:06		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.09.2020 19:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.09.2020 19:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.09.2020 19:39	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.09.2020 19:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	09.09.2020 19:39	
o-Terphenyl	84-15-1	90	%	70-130	09.09.2020 19:39	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #3 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-003	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:00	Basis:	Wet Weight
Seq Number:	3136674				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.09.2020 16:36	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.09.2020 16:36	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.09.2020 16:36	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.09.2020 16:36	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.09.2020 16:36	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.09.2020 16:36	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.09.2020 16:36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	91	%	70-130	09.09.2020 16:36	
1,4-Difluorobenzene	540-36-3	105	%	70-130	09.09.2020 16:36	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #4 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-004 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**11.2**	5.00	mg/kg	09.09.2020 19:11		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.09.2020 20:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.09.2020 20:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.09.2020 20:00	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.09.2020 20:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	115	%	70-130	09.09.2020 20:00	
o-Terphenyl	84-15-1	107	%	70-130	09.09.2020 20:00	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #4 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-004 Date Collected: 09.08.2020 00:00

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

Tech: AMF % Moisture:

Analyst: AMF Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136674

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.09.2020 17:59	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.09.2020 17:59	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.09.2020 17:59	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.09.2020 17:59	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.09.2020 17:59	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.09.2020 17:59	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.09.2020 17:59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.09.2020 17:59	
4-Bromofluorobenzene	460-00-4	67	%	70-130	09.09.2020 17:59	**

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #5 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-005 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**12.2**	5.02	mg/kg	09.09.2020 19:16		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.09.2020 20:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.09.2020 20:22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.09.2020 20:22	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.09.2020 20:22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	09.09.2020 20:22	
o-Terphenyl	84-15-1	89	%	70-130	09.09.2020 20:22	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #5 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-005	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:00	Basis:	Wet Weight
Seq Number:	3136674				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.09.2020 18:19	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.09.2020 18:19	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.09.2020 18:19	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.09.2020 18:19	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.09.2020 18:19	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.09.2020 18:19	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.09.2020 18:19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	09.09.2020 18:19	
1,4-Difluorobenzene	540-36-3	99	%	70-130	09.09.2020 18:19	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #6 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-006 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**25.9**	4.99	mg/kg	09.09.2020 19:32		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.09.2020 20:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.09.2020 20:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.09.2020 20:43	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.09.2020 20:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	09.09.2020 20:43	
o-Terphenyl	84-15-1	88	%	70-130	09.09.2020 20:43	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #6 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-006	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:00	Basis:	Wet Weight
Seq Number:	3136674				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.09.2020 18:40	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.09.2020 18:40	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.09.2020 18:40	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.09.2020 18:40	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.09.2020 18:40	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.09.2020 18:40	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.09.2020 18:40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	106	%	70-130	09.09.2020 18:40	
4-Bromofluorobenzene	460-00-4	91	%	70-130	09.09.2020 18:40	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #7 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-007 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**41.0**	4.95	mg/kg	09.09.2020 19:37		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.09.2020 21:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.09.2020 21:05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.09.2020 21:05	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.09.2020 21:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	116	%	70-130	09.09.2020 21:05	
o-Terphenyl	84-15-1	105	%	70-130	09.09.2020 21:05	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #7 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-007	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:00	Basis:	Wet Weight
Seq Number:	3136674				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.09.2020 19:00	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.09.2020 19:00	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.09.2020 19:00	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.09.2020 19:00	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.09.2020 19:00	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.09.2020 19:00	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.09.2020 19:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	89	%	70-130	09.09.2020 19:00	
1,4-Difluorobenzene	540-36-3	104	%	70-130	09.09.2020 19:00	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #8 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-008 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**36.9**	4.95	mg/kg	09.09.2020 19:42		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.09.2020 21:26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.09.2020 21:26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.09.2020 21:26	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.09.2020 21:26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	09.09.2020 21:26	
o-Terphenyl	84-15-1	89	%	70-130	09.09.2020 21:26	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #8 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-008	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:00	Basis:	Wet Weight
Seq Number:	3136674				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.09.2020 19:20	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.09.2020 19:20	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.09.2020 19:20	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.09.2020 19:20	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.09.2020 19:20	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.09.2020 19:20	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.09.2020 19:20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	105	%	70-130	09.09.2020 19:20	
4-Bromofluorobenzene	460-00-4	93	%	70-130	09.09.2020 19:20	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #9 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-009 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**20.1**	4.97	mg/kg	09.09.2020 19:48		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.09.2020 21:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.09.2020 21:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.09.2020 21:48	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.09.2020 21:48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	114	%	70-130	09.09.2020 21:48	
o-Terphenyl	84-15-1	103	%	70-130	09.09.2020 21:48	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #9 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-009	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:00	Basis:	Wet Weight
Seq Number:	3136674				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.09.2020 19:41	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.09.2020 19:41	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.09.2020 19:41	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.09.2020 19:41	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.09.2020 19:41	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.09.2020 19:41	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.09.2020 19:41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.09.2020 19:41	
4-Bromofluorobenzene	460-00-4	113	%	70-130	09.09.2020 19:41	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #10 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-010 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**191**	4.96	mg/kg	09.09.2020 19:53		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.09.2020 22:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.09.2020 22:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.09.2020 22:10	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.09.2020 22:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	09.09.2020 22:10	
o-Terphenyl	84-15-1	88	%	70-130	09.09.2020 22:10	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #10 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-010	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:00	Basis:	Wet Weight
Seq Number:	3136674				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.09.2020 20:01	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.09.2020 20:01	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.09.2020 20:01	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	09.09.2020 20:01	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.09.2020 20:01	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.09.2020 20:01	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.09.2020 20:01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	114	%	70-130	09.09.2020 20:01	
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.09.2020 20:01	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #11 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-011 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**45.9**	5.04	mg/kg	09.09.2020 19:58		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.09.2020 22:52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.09.2020 22:52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.09.2020 22:52	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.09.2020 22:52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	09.09.2020 22:52	
o-Terphenyl	84-15-1	84	%	70-130	09.09.2020 22:52	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #11 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-011	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:00	Basis:	Wet Weight
Seq Number:	3136674				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.09.2020 20:22	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.09.2020 20:22	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.09.2020 20:22	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	09.09.2020 20:22	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.09.2020 20:22	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.09.2020 20:22	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.09.2020 20:22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	108	%	70-130	09.09.2020 20:22	
4-Bromofluorobenzene	460-00-4	95	%	70-130	09.09.2020 20:22	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #12 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-012 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**330**	4.97	mg/kg	09.09.2020 20:14		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.09.2020 23:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.09.2020 23:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.09.2020 23:14	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.09.2020 23:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	09.09.2020 23:14	
o-Terphenyl	84-15-1	83	%	70-130	09.09.2020 23:14	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #12 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-012	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:00	Basis:	Wet Weight
Seq Number:	3136674				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.09.2020 20:42	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.09.2020 20:42	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.09.2020 20:42	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.09.2020 20:42	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.09.2020 20:42	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.09.2020 20:42	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.09.2020 20:42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	105	%	70-130	09.09.2020 20:42	
4-Bromofluorobenzene	460-00-4	86	%	70-130	09.09.2020 20:42	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #13 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-013 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**407**	5.00	mg/kg	09.09.2020 20:19		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.09.2020 23:35	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.09.2020 23:35	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.09.2020 23:35	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.09.2020 23:35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	09.09.2020 23:35	
o-Terphenyl	84-15-1	88	%	70-130	09.09.2020 23:35	

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EOG Lomas Rojas

Sample Id:	**Bottom Hole #13 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-013	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:00	Basis:	Wet Weight
Seq Number:	3136674				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.09.2020 21:03	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.09.2020 21:03	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.09.2020 21:03	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.09.2020 21:03	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.09.2020 21:03	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.09.2020 21:03	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.09.2020 21:03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	93	%	70-130	09.09.2020 21:03	
1,4-Difluorobenzene	540-36-3	105	%	70-130	09.09.2020 21:03	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #14 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-014 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**382**	5.02	mg/kg	09.09.2020 20:35		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.09.2020 23:57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.09.2020 23:57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.09.2020 23:57	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.09.2020 23:57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-130	09.09.2020 23:57	
o-Terphenyl	84-15-1	77	%	70-130	09.09.2020 23:57	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #14 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-014	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:30	Basis:	Wet Weight
Seq Number:	3136733				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.09.2020 18:23	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.09.2020 18:23	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.09.2020 18:23	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	09.09.2020 18:23	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.09.2020 18:23	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.09.2020 18:23	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.09.2020 18:23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	09.09.2020 18:23	
4-Bromofluorobenzene	460-00-4	99	%	70-130	09.09.2020 18:23	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #15 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-015 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**21.2**	5.00	mg/kg	09.09.2020 20:40		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.10.2020 00:18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.10.2020 00:18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.10.2020 00:18	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.10.2020 00:18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-130	09.10.2020 00:18	
o-Terphenyl	84-15-1	77	%	70-130	09.10.2020 00:18	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #15 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-015	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:30	Basis:	Wet Weight
Seq Number:	3136733				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.09.2020 18:44	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.09.2020 18:44	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.09.2020 18:44	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.09.2020 18:44	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.09.2020 18:44	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.09.2020 18:44	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.09.2020 18:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	106	%	70-130	09.09.2020 18:44	
4-Bromofluorobenzene	460-00-4	95	%	70-130	09.09.2020 18:44	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #16 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-016 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**15.9**	4.96	mg/kg	09.09.2020 20:45		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.10.2020 00:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.10.2020 00:40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.10.2020 00:40	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.10.2020 00:40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	09.10.2020 00:40	
o-Terphenyl	84-15-1	84	%	70-130	09.10.2020 00:40	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #16 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-016	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:30	Basis:	Wet Weight
Seq Number:	3136733				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.09.2020 19:05	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.09.2020 19:05	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.09.2020 19:05	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	09.09.2020 19:05	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.09.2020 19:05	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.09.2020 19:05	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.09.2020 19:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	104	%	70-130	09.09.2020 19:05	
4-Bromofluorobenzene	460-00-4	94	%	70-130	09.09.2020 19:05	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #17 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-017 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**47.0**	5.03	mg/kg	09.09.2020 20:51		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.10.2020 01:01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.10.2020 01:01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.10.2020 01:01	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.10.2020 01:01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-130	09.10.2020 01:01	
o-Terphenyl	84-15-1	80	%	70-130	09.10.2020 01:01	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #17 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-017	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:30	Basis:	Wet Weight
Seq Number:	3136733				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.09.2020 19:25	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.09.2020 19:25	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.09.2020 19:25	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.09.2020 19:25	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.09.2020 19:25	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.09.2020 19:25	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.09.2020 19:25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.09.2020 19:25	
4-Bromofluorobenzene	460-00-4	95	%	70-130	09.09.2020 19:25	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #18 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-018 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**17.4**	4.99	mg/kg	09.09.2020 20:56		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.10.2020 01:23	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.10.2020 01:23	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.10.2020 01:23	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.10.2020 01:23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	09.10.2020 01:23	
o-Terphenyl	84-15-1	88	%	70-130	09.10.2020 01:23	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #18 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-018	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:30	Basis:	Wet Weight
Seq Number:	3136733				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.09.2020 19:46	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.09.2020 19:46	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.09.2020 19:46	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	09.09.2020 19:46	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.09.2020 19:46	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.09.2020 19:46	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.09.2020 19:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	93	%	70-130	09.09.2020 19:46	
1,4-Difluorobenzene	540-36-3	99	%	70-130	09.09.2020 19:46	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #19 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-019 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**39.6**	4.96	mg/kg	09.09.2020 21:01		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.10.2020 01:44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.10.2020 01:44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.10.2020 01:44	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.10.2020 01:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	09.10.2020 01:44	
o-Terphenyl	84-15-1	81	%	70-130	09.10.2020 01:44	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #19 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-019	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:30	Basis:	Wet Weight
Seq Number:	3136733				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.09.2020 20:06	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.09.2020 20:06	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.09.2020 20:06	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.09.2020 20:06	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.09.2020 20:06	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.09.2020 20:06	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.09.2020 20:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	99	%	70-130	09.09.2020 20:06	
1,4-Difluorobenzene	540-36-3	102	%	70-130	09.09.2020 20:06	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #20 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-020 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:30 Basis: Wet Weight

Seq Number: 3136754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**41.0**	4.98	mg/kg	09.09.2020 21:06		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136785

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.10.2020 02:06	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.10.2020 02:06	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.10.2020 02:06	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.10.2020 02:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	110	%	70-130	09.10.2020 02:06	
o-Terphenyl	84-15-1	93	%	70-130	09.10.2020 02:06	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #20 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-020	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:30	Basis:	Wet Weight
Seq Number:	3136733				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.09.2020 20:27	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.09.2020 20:27	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.09.2020 20:27	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.09.2020 20:27	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.09.2020 20:27	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.09.2020 20:27	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.09.2020 20:27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	70-130	09.09.2020 20:27	
1,4-Difluorobenzene	540-36-3	106	%	70-130	09.09.2020 20:27	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #21 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-021 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8.14**	5.05	mg/kg	09.09.2020 21:41		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.09.2020 18:13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.09.2020 18:13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.09.2020 18:13	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.09.2020 18:13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	09.09.2020 18:13	
o-Terphenyl	84-15-1	95	%	70-130	09.09.2020 18:13	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #21 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-021	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:30	Basis:	Wet Weight
Seq Number:	3136733				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.09.2020 20:48	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.09.2020 20:48	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.09.2020 20:48	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.09.2020 20:48	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.09.2020 20:48	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.09.2020 20:48	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.09.2020 20:48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	09.09.2020 20:48	
4-Bromofluorobenzene	460-00-4	99	%	70-130	09.09.2020 20:48	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #22 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-022 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**17.0**	5.00	mg/kg	09.09.2020 22:00		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.09.2020 19:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.09.2020 19:17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.09.2020 19:17	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.09.2020 19:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	09.09.2020 19:17	
o-Terphenyl	84-15-1	84	%	70-130	09.09.2020 19:17	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #22 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-022	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:30	Basis:	Wet Weight
Seq Number:	3136733				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.09.2020 21:08	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.09.2020 21:08	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.09.2020 21:08	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.09.2020 21:08	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.09.2020 21:08	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.09.2020 21:08	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.09.2020 21:08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	09.09.2020 21:08	
1,4-Difluorobenzene	540-36-3	103	%	70-130	09.09.2020 21:08	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #23 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-023 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**11.7**	4.97	mg/kg	09.09.2020 22:07		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.09.2020 19:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.09.2020 19:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.09.2020 19:39	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.09.2020 19:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	09.09.2020 19:39	
o-Terphenyl	84-15-1	82	%	70-130	09.09.2020 19:39	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #23 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-023	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.09.2020 15:30	Basis:	Wet Weight
Seq Number:	3136733				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.09.2020 21:29	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.09.2020 21:29	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.09.2020 21:29	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	09.09.2020 21:29	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.09.2020 21:29	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.09.2020 21:29	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.09.2020 21:29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	107	%	70-130	09.09.2020 21:29	
4-Bromofluorobenzene	460-00-4	98	%	70-130	09.09.2020 21:29	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #24 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-024 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**11.2**	4.99	mg/kg	09.09.2020 22:13		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.09.2020 20:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.09.2020 20:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.09.2020 20:00	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.09.2020 20:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-130	09.09.2020 20:00	
o-Terphenyl	84-15-1	76	%	70-130	09.09.2020 20:00	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #24 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-024	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.10.2020 09:00	Basis:	Wet Weight
Seq Number:	3136781				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.10.2020 15:08	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.10.2020 15:08	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.10.2020 15:08	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.10.2020 15:08	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.10.2020 15:08	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.10.2020 15:08	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.10.2020 15:08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	103	%	70-130	09.10.2020 15:08	
1,4-Difluorobenzene	540-36-3	94	%	70-130	09.10.2020 15:08	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #25 (1.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-025 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.03	5.03	mg/kg	09.09.2020 22:19	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.09.2020 20:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.09.2020 20:22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.09.2020 20:22	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.09.2020 20:22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	110	%	70-130	09.09.2020 20:22	
o-Terphenyl	84-15-1	102	%	70-130	09.09.2020 20:22	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #25 (1.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-025	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.10.2020 09:00	Basis:	Wet Weight
Seq Number:	3136781				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.10.2020 15:29	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.10.2020 15:29	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.10.2020 15:29	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.10.2020 15:29	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.10.2020 15:29	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.10.2020 15:29	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.10.2020 15:29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	98	%	70-130	09.10.2020 15:29	
1,4-Difluorobenzene	540-36-3	96	%	70-130	09.10.2020 15:29	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #26 (4.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-026 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**134**	4.96	mg/kg	09.09.2020 22:38		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.09.2020 20:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.09.2020 20:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.09.2020 20:43	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.09.2020 20:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	09.09.2020 20:43	
o-Terphenyl	84-15-1	80	%	70-130	09.09.2020 20:43	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #26 (4.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-026	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.10.2020 09:00	Basis:	Wet Weight
Seq Number:	3136781				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.10.2020 15:50	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.10.2020 15:50	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.10.2020 15:50	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.10.2020 15:50	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.10.2020 15:50	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.10.2020 15:50	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.10.2020 15:50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	100	%	70-130	09.10.2020 15:50	
4-Bromofluorobenzene	460-00-4	102	%	70-130	09.10.2020 15:50	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #27 (4.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-027 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**117**	4.95	mg/kg	09.09.2020 22:45		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.09.2020 21:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.09.2020 21:05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.09.2020 21:05	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.09.2020 21:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	119	%	70-130	09.09.2020 21:05	
o-Terphenyl	84-15-1	112	%	70-130	09.09.2020 21:05	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #27 (4.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-027 Date Collected: 09.08.2020 00:00

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

Tech: AMF % Moisture:

Analyst: AMF Date Prep: 09.10.2020 09:00 Basis: Wet Weight

Seq Number: 3136781

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.10.2020 16:10	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.10.2020 16:10	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.10.2020 16:10	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.10.2020 16:10	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.10.2020 16:10	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.10.2020 16:10	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.10.2020 16:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	09.10.2020 16:10	
4-Bromofluorobenzene	460-00-4	100	%	70-130	09.10.2020 16:10	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #28 (4.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-028 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**234**	5.04	mg/kg	09.09.2020 22:51		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.09.2020 21:26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.09.2020 21:26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.09.2020 21:26	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.09.2020 21:26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	09.09.2020 21:26	
o-Terphenyl	84-15-1	92	%	70-130	09.09.2020 21:26	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #28 (4.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-028	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.10.2020 09:00	Basis:	Wet Weight
Seq Number:	3136781				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.10.2020 16:31	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.10.2020 16:31	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.10.2020 16:31	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.10.2020 16:31	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.10.2020 16:31	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.10.2020 16:31	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.10.2020 16:31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	98	%	70-130	09.10.2020 16:31	
1,4-Difluorobenzene	540-36-3	100	%	70-130	09.10.2020 16:31	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #29 (4.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58
Lab Sample Id: 672141-029 Date Collected: 09.08.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
Tech: CHE % Moisture:
Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight
Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**604**	4.99	mg/kg	09.09.2020 22:57		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
Tech: DVM % Moisture:
Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight
Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.09.2020 21:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.09.2020 21:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.09.2020 21:48	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.09.2020 21:48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	09.09.2020 21:48	
o-Terphenyl	84-15-1	99	%	70-130	09.09.2020 21:48	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #29 (4.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-029 Date Collected: 09.08.2020 00:00

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

Tech: AMF % Moisture:

Analyst: AMF Date Prep: 09.10.2020 09:00 Basis: Wet Weight

Seq Number: 3136781

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.10.2020 18:11	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.10.2020 18:11	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.10.2020 18:11	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.10.2020 18:11	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.10.2020 18:11	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.10.2020 18:11	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.10.2020 18:11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	09.10.2020 18:11	
1,4-Difluorobenzene	540-36-3	95	%	70-130	09.10.2020 18:11	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #30 (4.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-030 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**98.6**	4.96	mg/kg	09.09.2020 23:04		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.09.2020 22:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.09.2020 22:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.09.2020 22:10	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.09.2020 22:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	09.09.2020 22:10	
o-Terphenyl	84-15-1	100	%	70-130	09.09.2020 22:10	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #30 (4.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-030	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.10.2020 09:00	Basis:	Wet Weight
Seq Number:	3136781				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.10.2020 18:32	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.10.2020 18:32	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.10.2020 18:32	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.10.2020 18:32	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.10.2020 18:32	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.10.2020 18:32	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.10.2020 18:32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	09.10.2020 18:32	
4-Bromofluorobenzene	460-00-4	93	%	70-130	09.10.2020 18:32	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #31 (4.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-031 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**106**	5.00	mg/kg	09.09.2020 23:10		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.09.2020 22:52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.09.2020 22:52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.09.2020 22:52	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.09.2020 22:52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-130	09.09.2020 22:52	
o-Terphenyl	84-15-1	94	%	70-130	09.09.2020 22:52	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #31 (4.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-031	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.10.2020 09:00	Basis:	Wet Weight
Seq Number:	3136781				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.10.2020 18:53	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.10.2020 18:53	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.10.2020 18:53	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.10.2020 18:53	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.10.2020 18:53	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.10.2020 18:53	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.10.2020 18:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	103	%	70-130	09.10.2020 18:53	
4-Bromofluorobenzene	460-00-4	96	%	70-130	09.10.2020 18:53	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #32 (4.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-032 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**268**	4.95	mg/kg	09.09.2020 23:29		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.10.2020 08:33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.10.2020 08:33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.10.2020 08:33	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.10.2020 08:33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	09.10.2020 08:33	
o-Terphenyl	84-15-1	98	%	70-130	09.10.2020 08:33	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #32 (4.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-032	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.10.2020 09:00	Basis:	Wet Weight
Seq Number:	3136781				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.10.2020 19:13	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.10.2020 19:13	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.10.2020 19:13	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.10.2020 19:13	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.10.2020 19:13	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.10.2020 19:13	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.10.2020 19:13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	70-130	09.10.2020 19:13	
1,4-Difluorobenzene	540-36-3	100	%	70-130	09.10.2020 19:13	

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EOG Lomas Rojas

Sample Id: **Bottom Hole #33 (4.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-033 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**807**	5.02	mg/kg	09.09.2020 23:35		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.10.2020 08:54	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.10.2020 08:54	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.10.2020 08:54	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.10.2020 08:54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	09.10.2020 08:54	
o-Terphenyl	84-15-1	98	%	70-130	09.10.2020 08:54	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Bottom Hole #33 (4.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-033	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.10.2020 09:00	Basis:	Wet Weight
Seq Number:	3136781				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.10.2020 19:34	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.10.2020 19:34	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.10.2020 19:34	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	09.10.2020 19:34	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.10.2020 19:34	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.10.2020 19:34	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.10.2020 19:34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	09.10.2020 19:34	
4-Bromofluorobenzene	460-00-4	94	%	70-130	09.10.2020 19:34	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Bottom Hole #34 (4.5' BEB)** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-034 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**134**	4.99	mg/kg	09.09.2020 23:54		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.10.2020 09:15	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.10.2020 09:15	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.10.2020 09:15	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.10.2020 09:15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	09.10.2020 09:15	
o-Terphenyl	84-15-1	99	%	70-130	09.10.2020 09:15	

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EOG Lomas Rojas

Sample Id:	**Bottom Hole #34 (4.5' BEB)**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-034	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.09.2020 17:00	Basis:	Wet Weight
Seq Number:	3136744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.10.2020 00:26	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.10.2020 00:26	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.10.2020 00:26	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.10.2020 00:26	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.10.2020 00:26	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.10.2020 00:26	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.10.2020 00:26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	105	%	70-130	09.10.2020 00:26	
4-Bromofluorobenzene	460-00-4	86	%	70-130	09.10.2020 00:26	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Sidewall 1** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-035 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**12.0**	4.97	mg/kg	09.10.2020 00:01		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.10.2020 09:37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.10.2020 09:37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.10.2020 09:37	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.10.2020 09:37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	09.10.2020 09:37	
o-Terphenyl	84-15-1	90	%	70-130	09.10.2020 09:37	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Sidewall 1**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-035	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.09.2020 17:00	Basis:	Wet Weight
Seq Number:	3136744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.10.2020 00:46	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.10.2020 00:46	UX	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.10.2020 00:46	UX	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.10.2020 00:46	UFX	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.10.2020 00:46	UXF	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.10.2020 00:46	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.10.2020 00:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	95	%	70-130	09.10.2020 00:46	
1,4-Difluorobenzene	540-36-3	110	%	70-130	09.10.2020 00:46	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Sidewall 2** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-036 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.98	4.98	mg/kg	09.10.2020 00:07	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.10.2020 09:59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.10.2020 09:59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.10.2020 09:59	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.10.2020 09:59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-130	09.10.2020 09:59	
o-Terphenyl	84-15-1	86	%	70-130	09.10.2020 09:59	

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Sample Id:	**Sidewall 2**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-036	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.09.2020 17:00	Basis:	Wet Weight
Seq Number:	3136744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.10.2020 01:07	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.10.2020 01:07	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.10.2020 01:07	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	09.10.2020 01:07	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.10.2020 01:07	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.10.2020 01:07	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.10.2020 01:07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	107	%	70-130	09.10.2020 01:07	
4-Bromofluorobenzene	460-00-4	93	%	70-130	09.10.2020 01:07	

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EOG Lomas Rojas

Sample Id:	**Sidewall 3**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-037	Date Collected:	09.08.2020 00:00		

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.09.2020 17:40	Basis:	Wet Weight
Seq Number:	3136755				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.02	5.02	mg/kg	09.10.2020 00:13	U	1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.09.2020 15:00	Basis:	Wet Weight
Seq Number:	3136786				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.10.2020 10:20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.10.2020 10:20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.10.2020 10:20	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.10.2020 10:20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-130	09.10.2020 10:20	
o-Terphenyl	84-15-1	91	%	70-130	09.10.2020 10:20	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Sidewall 3**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-037	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.09.2020 17:00	Basis:	Wet Weight
Seq Number:	3136744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.10.2020 01:27	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.10.2020 01:27	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.10.2020 01:27	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	09.10.2020 01:27	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.10.2020 01:27	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.10.2020 01:27	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.10.2020 01:27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	91	%	70-130	09.10.2020 01:27	
1,4-Difluorobenzene	540-36-3	102	%	70-130	09.10.2020 01:27	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Sidewall 4** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-038 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.09.2020 17:40 Basis: Wet Weight

Seq Number: 3136755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**13.4**	4.97	mg/kg	09.10.2020 00:20		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.10.2020 10:42	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.10.2020 10:42	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.10.2020 10:42	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.10.2020 10:42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	09.10.2020 10:42	
o-Terphenyl	84-15-1	90	%	70-130	09.10.2020 10:42	

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Sample Id:	**Sidewall 4**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-038	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.09.2020 17:00	Basis:	Wet Weight
Seq Number:	3136744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.10.2020 01:48	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.10.2020 01:48	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.10.2020 01:48	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.10.2020 01:48	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.10.2020 01:48	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.10.2020 01:48	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.10.2020 01:48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	09.10.2020 01:48	
4-Bromofluorobenzene	460-00-4	91	%	70-130	09.10.2020 01:48	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Sidewall 5** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-039 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.10.2020 09:00 Basis: Wet Weight

Seq Number: 3136783

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**22.1**	5.02	mg/kg	09.10.2020 12:06		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.10.2020 11:04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.10.2020 11:04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.10.2020 11:04	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.10.2020 11:04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	09.10.2020 11:04	
o-Terphenyl	84-15-1	87	%	70-130	09.10.2020 11:04	

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EOG Lomas Rojas

Sample Id:	**Sidewall 5**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-039	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.09.2020 17:00	Basis:	Wet Weight
Seq Number:	3136744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.10.2020 02:08	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.10.2020 02:08	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.10.2020 02:08	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.10.2020 02:08	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.10.2020 02:08	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.10.2020 02:08	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.10.2020 02:08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	90	%	70-130	09.10.2020 02:08	
1,4-Difluorobenzene	540-36-3	102	%	70-130	09.10.2020 02:08	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Sidewall 6** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-040 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.10.2020 09:00 Basis: Wet Weight

Seq Number: 3136783

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**19.6**	4.97	mg/kg	09.10.2020 12:22		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136786

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.10.2020 11:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.10.2020 11:25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.10.2020 11:25	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.10.2020 11:25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-130	09.10.2020 11:25	
o-Terphenyl	84-15-1	95	%	70-130	09.10.2020 11:25	

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Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Sidewall 6**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-040	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.09.2020 17:00	Basis:	Wet Weight
Seq Number:	3136744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.10.2020 02:29	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.10.2020 02:29	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.10.2020 02:29	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	09.10.2020 02:29	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.10.2020 02:29	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.10.2020 02:29	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.10.2020 02:29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	92	%	70-130	09.10.2020 02:29	
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.10.2020 02:29	

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Sample Id: **Sidewall 7** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-041 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.10.2020 09:00 Basis: Wet Weight

Seq Number: 3136783

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**57.7**	4.99	mg/kg	09.10.2020 12:27		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136787

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.10.2020 11:47	UF	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.10.2020 11:47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.10.2020 11:47	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.10.2020 11:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-130	09.10.2020 11:47	
o-Terphenyl	84-15-1	94	%	70-130	09.10.2020 11:47	

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EOG Lomas Rojas

Sample Id:	**Sidewall 7**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-041	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.09.2020 17:00	Basis:	Wet Weight
Seq Number:	3136744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.10.2020 02:49	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.10.2020 02:49	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.10.2020 02:49	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.10.2020 02:49	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.10.2020 02:49	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.10.2020 02:49	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.10.2020 02:49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	107	%	70-130	09.10.2020 02:49	
4-Bromofluorobenzene	460-00-4	90	%	70-130	09.10.2020 02:49	

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EOG Lomas Rojas

Sample Id: **Sidewall 8** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-042 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.10.2020 09:00 Basis: Wet Weight

Seq Number: 3136783

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**12.3**	4.96	mg/kg	09.10.2020 12:43		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136787

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.10.2020 08:33	UF	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.10.2020 08:33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.10.2020 08:33	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.10.2020 08:33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	81	%	70-130	09.10.2020 08:33	
o-Terphenyl	84-15-1	75	%	70-130	09.10.2020 08:33	

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EOG Lomas Rojas

Sample Id:	**Sidewall 8**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-042	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.09.2020 17:00	Basis:	Wet Weight
Seq Number:	3136744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.10.2020 03:10	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.10.2020 03:10	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.10.2020 03:10	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.10.2020 03:10	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.10.2020 03:10	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.10.2020 03:10	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.10.2020 03:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	92	%	70-130	09.10.2020 03:10	
1,4-Difluorobenzene	540-36-3	108	%	70-130	09.10.2020 03:10	

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Certificate of Analytical Results 672141

Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Sidewall 9** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-043 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.10.2020 09:00 Basis: Wet Weight

Seq Number: 3136783

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**10.8**	5.02	mg/kg	09.10.2020 12:48		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136787

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.10.2020 08:54	UF	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.10.2020 08:54	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.10.2020 08:54	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.10.2020 08:54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-130	09.10.2020 08:54	
o-Terphenyl	84-15-1	79	%	70-130	09.10.2020 08:54	

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Certificate of Analytical Results 672141

Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Sidewall 9**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-043	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.09.2020 17:00	Basis:	Wet Weight
Seq Number:	3136744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.10.2020 04:55	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.10.2020 04:55	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.10.2020 04:55	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.10.2020 04:55	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.10.2020 04:55	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.10.2020 04:55	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.10.2020 04:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	107	%	70-130	09.10.2020 04:55	
4-Bromofluorobenzene	460-00-4	78	%	70-130	09.10.2020 04:55	

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Certificate of Analytical Results 672141

Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id: **Sidewall 10** Matrix: Soil Date Received:09.09.2020 14:58

Lab Sample Id: 672141-044 Date Collected: 09.08.2020 00:00

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

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.10.2020 09:00 Basis: Wet Weight

Seq Number: 3136783

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**10.0**	4.95	mg/kg	09.10.2020 12:53		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.09.2020 15:00 Basis: Wet Weight

Seq Number: 3136787

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.10.2020 06:52	UF	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.10.2020 06:52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.10.2020 06:52	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.10.2020 06:52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	09.10.2020 06:52	
o-Terphenyl	84-15-1	86	%	70-130	09.10.2020 06:52	

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Certificate of Analytical Results 672141

Tetra Tech- Midland, Midland, TX

EOG Lomas Rojas

Sample Id:	**Sidewall 10**	Matrix:	Soil	Date Received:	09.09.2020 14:58
Lab Sample Id:	672141-044	Date Collected:	09.08.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.09.2020 17:00	Basis:	Wet Weight
Seq Number:	3136744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.10.2020 05:15	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.10.2020 05:15	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.10.2020 05:15	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.10.2020 05:15	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.10.2020 05:15	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.10.2020 05:15	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.10.2020 05:15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	89	%	70-130	09.10.2020 05:15	
1,4-Difluorobenzene	540-36-3	110	%	70-130	09.10.2020 05:15	

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Flagging Criteria

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

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

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

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

F RPD exceeded lab control limits.

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

U Analyte was not detected.

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

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

K Sample analyzed outside of recommended hold time.

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

** Surrogate recovered outside laboratory control limit.

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

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

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

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

+ NELAC certification not offered for this compound.

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

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QC Summary 672141

Tetra Tech- Midland

EOG Lomas Rojas

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3136754 — Matrix: Solid — Date Prep: 09.09.2020
MB Sample Id: 7711044-1-BLK — LCS Sample Id: 7711044-1-BKS — LCSD Sample Id: 7711044-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	260	104	261	104	90-110	0	20	mg/kg	09.09.2020 18:02	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3136755 — Matrix: Solid — Date Prep: 09.09.2020
MB Sample Id: 7711045-1-BLK — LCS Sample Id: 7711045-1-BKS — LCSD Sample Id: 7711045-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	254	102	254	102	90-110	0	20	mg/kg	09.09.2020 21:28	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3136783 — Matrix: Solid — Date Prep: 09.10.2020
MB Sample Id: 7711048-1-BLK — LCS Sample Id: 7711048-1-BKS — LCSD Sample Id: 7711048-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	265	106	265	106	90-110	0	20	mg/kg	09.10.2020 10:42	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3136754 — Matrix: Soil — Date Prep: 09.09.2020
Parent Sample Id: 672141-001 — MS Sample Id: 672141-001 S — MSD Sample Id: 672141-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	138	252	414	110	414	110	90-110	0	20	mg/kg	09.09.2020 18:50	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3136754 — Matrix: Soil — Date Prep: 09.09.2020
Parent Sample Id: 672141-011 — MS Sample Id: 672141-011 S — MSD Sample Id: 672141-011 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	45.9	252	295	99	295	99	90-110	0	20	mg/kg	09.09.2020 20:03	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3136755 — Matrix: Soil — Date Prep: 09.09.2020
Parent Sample Id: 672141-021 — MS Sample Id: 672141-021 S — MSD Sample Id: 672141-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	8.14	253	255	98	255	98	90-110	0	20	mg/kg	09.09.2020 21:47	

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

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QC Summary 672141

Tetra Tech- Midland

EOG Lomas Rojas

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3136755 — Matrix: Soil — Date Prep: 09.09.2020
Parent Sample Id: 672141-031 — MS Sample Id: 672141-031 S — MSD Sample Id: 672141-031 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	106	250	345	96	344	95	90-110	0	20	mg/kg	09.09.2020 23:16	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3136783 — Matrix: Soil — Date Prep: 09.10.2020
Parent Sample Id: 672141-039 — MS Sample Id: 672141-039 S — MSD Sample Id: 672141-039 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	22.1	251	280	103	281	103	90-110	0	20	mg/kg	09.10.2020 12:11	

Analytical Method: Inorganic Anions by EPA 300/300.1 — Prep Method: E300P
Seq Number: 3136783 — Matrix: Soil — Date Prep: 09.10.2020
Parent Sample Id: 672170-021 — MS Sample Id: 672170-021 S — MSD Sample Id: 672170-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	1930	1260	3250	105	3230	103	90-110	1	20	mg/kg	09.10.2020 10:57	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3136785 — Matrix: Solid — Date Prep: 09.09.2020
MB Sample Id: 7711041-1-BLK — LCS Sample Id: 7711041-1-BKS — LCSD Sample Id: 7711041-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	874	87	979	98	70-130	11	20	mg/kg	09.09.2020 17:30	
Diesel Range Organics (DRO)	<50.0	1000	952	95	1060	106	70-130	11	20	mg/kg	09.09.2020 17:30	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	97		96		110		70-130	%	09.09.2020 17:30
o-Terphenyl	94		89		99		70-130	%	09.09.2020 17:30

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3136786 — Matrix: Solid — Date Prep: 09.09.2020
MB Sample Id: 7711043-1-BLK — LCS Sample Id: 7711043-1-BKS — LCSD Sample Id: 7711043-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	940	94	873	87	70-130	7	20	mg/kg	09.09.2020 17:30	
Diesel Range Organics (DRO)	<50.0	1000	1050	105	998	100	70-130	5	20	mg/kg	09.09.2020 17:30	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	93		99		99		70-130	%	09.09.2020 17:30
o-Terphenyl	93		104		103		70-130	%	09.09.2020 17:30

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

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

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

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QC Summary 672141

Tetra Tech- Midland

EOG Lomas Rojas

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3136787 — Matrix: Solid — Date Prep: 09.09.2020
MB Sample Id: 7711040-1-BLK — LCS Sample Id: 7711040-1-BKS — LCSD Sample Id: 7711040-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	1160	116	917	92	70-130	23	20	mg/kg	09.10.2020 03:12	F
Diesel Range Organics (DRO)	<50.0	1000	1130	113	934	93	70-130	19	20	mg/kg	09.10.2020 03:12	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	108		116		96		70-130	%	09.10.2020 03:12
o-Terphenyl	111		107		87		70-130	%	09.10.2020 03:12

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3136785 — Matrix: Solid — Date Prep: 09.09.2020
MB Sample Id: 7711041-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	09.09.2020 17:08	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3136786 — Matrix: Solid — Date Prep: 09.09.2020
MB Sample Id: 7711043-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	09.09.2020 17:08	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3136787 — Matrix: Solid — Date Prep: 09.09.2020
MB Sample Id: 7711040-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	09.10.2020 02:50	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3136785 — Matrix: Soil — Date Prep: 09.09.2020
Parent Sample Id: 672141-001 — MS Sample Id: 672141-001 S — MSD Sample Id: 672141-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	850	85	957	96	70-130	12	20	mg/kg	09.09.2020 18:34	
Diesel Range Organics (DRO)	<49.9	998	944	95	1090	109	70-130	14	20	mg/kg	09.09.2020 18:34	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	97		108		70-130	%	09.09.2020 18:34
o-Terphenyl	80		88		70-130	%	09.09.2020 18:34

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

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

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

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QC Summary 672141

Tetra Tech- Midland

EOG Lomas Rojas

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3136786 Matrix: Soil Date Prep: 09.09.2020
Parent Sample Id: 672141-021 MS Sample Id: 672141-021 S MSD Sample Id: 672141-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	983	98	825	83	70-130	17	20	mg/kg	09.09.2020 18:34	
Diesel Range Organics (DRO)	<49.9	998	1040	104	915	92	70-130	13	20	mg/kg	09.09.2020 18:34	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	100		89		70-130	%	09.09.2020 18:34
o-Terphenyl	102		88		70-130	%	09.09.2020 18:34

Analytical Method: **TPH By SW8015 Mod** Prep Method: SW8015P
Seq Number: 3136787 Matrix: Soil Date Prep: 09.09.2020
Parent Sample Id: 672115-001 MS Sample Id: 672115-001 S MSD Sample Id: 672115-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	844	85	1010	101	70-130	18	20	mg/kg	09.10.2020 04:18	
Diesel Range Organics (DRO)	574	997	1360	79	1540	97	70-130	12	20	mg/kg	09.10.2020 04:18	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	106		118		70-130	%	09.10.2020 04:18
o-Terphenyl	93		100		70-130	%	09.10.2020 04:18

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3136674 Matrix: Solid Date Prep: 09.09.2020
MB Sample Id: 7710980-1-BLK LCS Sample Id: 7710980-1-BKS LCSD Sample Id: 7710980-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0987	99	0.0957	96	70-130	3	35	mg/kg	09.09.2020 09:25	
Toluene	<0.00200	0.100	0.0969	97	0.0933	93	70-130	4	35	mg/kg	09.09.2020 09:25	
Ethylbenzene	<0.00200	0.100	0.104	104	0.0999	100	70-130	4	35	mg/kg	09.09.2020 09:25	
m,p-Xylenes	<0.00400	0.200	0.210	105	0.200	100	70-130	5	35	mg/kg	09.09.2020 09:25	
o-Xylene	<0.00200	0.100	0.101	101	0.0963	96	70-130	5	35	mg/kg	09.09.2020 09:25	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	95		97		97		70-130	%	09.09.2020 09:25
4-Bromofluorobenzene	82		109		105		70-130	%	09.09.2020 09:25

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

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

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

QC Summary 672141

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EOG Lomas Rojas

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3136733 Matrix: Solid Date Prep: 09.09.2020
MB Sample Id: 7711042-1-BLK LCS Sample Id: 7711042-1-BKS LCSD Sample Id: 7711042-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0924	92	0.0880	88	70-130	5	35	mg/kg	09.09.2020 15:53	
Toluene	<0.00200	0.100	0.0949	95	0.0902	90	70-130	5	35	mg/kg	09.09.2020 15:53	
Ethylbenzene	<0.00200	0.100	0.0906	91	0.0855	86	70-130	6	35	mg/kg	09.09.2020 15:53	
m,p-Xylenes	<0.00400	0.200	0.178	89	0.169	85	70-130	5	35	mg/kg	09.09.2020 15:53	
o-Xylene	<0.00200	0.100	0.0904	90	0.0869	87	70-130	4	35	mg/kg	09.09.2020 15:53	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	92		107		102		70-130	%	09.09.2020 15:53
4-Bromofluorobenzene	89		103		104		70-130	%	09.09.2020 15:53

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3136744 Matrix: Solid Date Prep: 09.09.2020
MB Sample Id: 7711052-1-BLK LCS Sample Id: 7711052-1-BKS LCSD Sample Id: 7711052-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0902	90	0.0906	91	70-130	0	35	mg/kg	09.09.2020 22:04	
Toluene	<0.00200	0.100	0.0912	91	0.0928	93	70-130	2	35	mg/kg	09.09.2020 22:04	
Ethylbenzene	<0.00200	0.100	0.102	102	0.105	105	70-130	3	35	mg/kg	09.09.2020 22:04	
m,p-Xylenes	<0.00400	0.200	0.214	107	0.220	110	70-130	3	35	mg/kg	09.09.2020 22:04	
o-Xylene	<0.00200	0.100	0.107	107	0.110	110	70-130	3	35	mg/kg	09.09.2020 22:04	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	96		98		99		70-130	%	09.09.2020 22:04
4-Bromofluorobenzene	82		131	**	132	**	70-130	%	09.09.2020 22:04

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3136781 Matrix: Solid Date Prep: 09.10.2020
MB Sample Id: 7711050-1-BLK LCS Sample Id: 7711050-1-BKS LCSD Sample Id: 7711050-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0872	87	0.0835	84	70-130	4	35	mg/kg	09.10.2020 09:26	
Toluene	<0.00200	0.100	0.0887	89	0.0855	86	70-130	4	35	mg/kg	09.10.2020 09:26	
Ethylbenzene	<0.00200	0.100	0.0845	85	0.0796	80	70-130	6	35	mg/kg	09.10.2020 09:26	
m,p-Xylenes	<0.00400	0.200	0.166	83	0.157	79	70-130	6	35	mg/kg	09.10.2020 09:26	
o-Xylene	<0.00200	0.100	0.0842	84	0.0802	80	70-130	5	35	mg/kg	09.10.2020 09:26	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	90		105		103		70-130	%	09.10.2020 09:26
4-Bromofluorobenzene	86		96		93		70-130	%	09.10.2020 09:26

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

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

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

eurofins | Environment Testing Xenco

QC Summary 672141

Tetra Tech- Midland

EOG Lomas Rojas

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3136674 Matrix: Soil Date Prep: 09.09.2020
Parent Sample Id: 671907-001 MS Sample Id: 671907-001 S MSD Sample Id: 671907-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0994	0.0790	79	0.0740	74	70-130	7	35	mg/kg	09.09.2020 10:06	
Toluene	<0.00199	0.0994	0.0622	63	0.0556	56	70-130	11	35	mg/kg	09.09.2020 10:06	X
Ethylbenzene	<0.00199	0.0994	0.0511	51	0.0441	44	70-130	15	35	mg/kg	09.09.2020 10:06	X
m,p-Xylenes	0.00719	0.199	0.0988	46	0.0866	40	70-130	13	35	mg/kg	09.09.2020 10:06	X
o-Xylene	0.00434	0.0994	0.0496	46	0.0431	39	70-130	14	35	mg/kg	09.09.2020 10:06	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	106		109		70-130	%	09.09.2020 10:06
4-Bromofluorobenzene	100		123		70-130	%	09.09.2020 10:06

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3136733 Matrix: Soil Date Prep: 09.09.2020
Parent Sample Id: 672141-017 MS Sample Id: 672141-017 S MSD Sample Id: 672141-017 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00201	0.100	0.0916	92	0.0882	87	70-130	4	35	mg/kg	09.09.2020 16:34	
Toluene	<0.00201	0.100	0.0924	92	0.0921	91	70-130	0	35	mg/kg	09.09.2020 16:34	
Ethylbenzene	<0.00201	0.100	0.0873	87	0.0859	85	70-130	2	35	mg/kg	09.09.2020 16:34	
m,p-Xylenes	<0.00402	0.201	0.171	85	0.167	83	70-130	2	35	mg/kg	09.09.2020 16:34	
o-Xylene	<0.00201	0.100	0.0864	86	0.0858	85	70-130	1	35	mg/kg	09.09.2020 16:34	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	107		104		70-130	%	09.09.2020 16:34
4-Bromofluorobenzene	106		107		70-130	%	09.09.2020 16:34

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3136744 Matrix: Soil Date Prep: 09.09.2020
Parent Sample Id: 672141-035 MS Sample Id: 672141-035 S MSD Sample Id: 672141-035 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0994	0.0753	76	0.0758	76	70-130	1	35	mg/kg	09.09.2020 22:45	
Toluene	<0.00199	0.0994	0.0667	67	0.0787	79	70-130	17	35	mg/kg	09.09.2020 22:45	X
Ethylbenzene	<0.00199	0.0994	0.0652	66	0.0890	89	70-130	31	35	mg/kg	09.09.2020 22:45	X
m,p-Xylenes	<0.00398	0.199	0.126	63	0.185	93	70-130	38	35	mg/kg	09.09.2020 22:45	XF
o-Xylene	<0.00199	0.0994	0.0632	64	0.0929	93	70-130	38	35	mg/kg	09.09.2020 22:45	XF

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	106		100		70-130	%	09.09.2020 22:45
4-Bromofluorobenzene	95		136	**	70-130	%	09.09.2020 22:45

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

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

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

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QC Summary 672141

Tetra Tech- Midland

EOG Lomas Rojas

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

Seq Number: 3136781 Matrix: Soil Date Prep: 09.10.2020

Parent Sample Id: 672170-001 MS Sample Id: 672170-001 S MSD Sample Id: 672170-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.0998	0.0724	73	0.0704	71	70-130	3	35	mg/kg	09.10.2020 10:07	
Toluene	<0.00200	0.0998	0.0760	76	0.0690	69	70-130	10	35	mg/kg	09.10.2020 10:07	X
Ethylbenzene	<0.00200	0.0998	0.0708	71	0.0621	62	70-130	13	35	mg/kg	09.10.2020 10:07	X
m,p-Xylenes	<0.00399	0.200	0.139	70	0.120	60	70-130	15	35	mg/kg	09.10.2020 10:07	X
o-Xylene	<0.00200	0.0998	0.0698	70	0.0692	70	70-130	1	35	mg/kg	09.10.2020 10:07	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	98		96		70-130	%	09.10.2020 10:07
4-Bromofluorobenzene	80		88		70-130	%	09.10.2020 10:07

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

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

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

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

167141

Client Name: EOG	Site Manager: Mike Carmona
Project Name: Lomas Rojas	
Project Location: (county, state) Lea Co, NM	Project #: 212C-MD-02278
Invoice to: EOG - Galan Kelley	
Receiving Laboratory: Xenco	Sampler Signature: Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Bottom Hole #1 (1.5' BEB)	9/8/2020			X			X		1	N	X		X												X							
	Bottom Hole #2 (1.5' BEB)	9/8/2020			X			X		1	N	X		X												X							
	Bottom Hole #3 (1.5' BEB)	9/8/2020			X			X		1	N	X		X												X							
	Bottom Hole #4 (1.5' BEB)	9/8/2020			X			X		1	N	X		X												X							
	Bottom Hole #5 (1.5' BEB)	9/8/2020			X			X		1	N	X		X												X							
	Bottom Hole #6 (1.5' BEB)	9/8/2020			X			X		1	N	X		X												X							
	Bottom Hole #7 (1.5' BEB)	9/8/2020			X			X		1	N	X		X												X							
	Bottom Hole #8 (1.5' BEB)	9/8/2020			X			X		1	N	X		X												X							
	Bottom Hole #9 (1.5' BEB)	9/8/2020			X			X		1	N	X		X												X							
	Bottom Hole #10 (1.5' BEB)	9/8/2020			X			X		1	N	X		X												X							

Relinquished by: Tom Moehring	Date: 9/9/20	Time: 1458	Received by: [signature] Date: 9/9/20 Time: 1458
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY

Sample Temperature
0.4/0.2
-04

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

672141

Client Name: EOG	**Site Manager:** Mike Carmona
Project Name: Lomas Rojas	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-02278
Invoice to: EOG - Galan Kelley	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	PRESERVATIVE METHOD:	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	Bottom Hole #11 (1.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #12 (1.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #13 (1.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #14 (1.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #15 (1.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #16 (1.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #17 (1.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #18 (1.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #19 (1.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #20 (1.5' BEB)	9/8/2020			X				X			1	N	X		X												X							

Relinquished by: Conner Moehring	Date: 9/9/20	Time: 1458	Received by:	Date: 9/9/20 Time: 1458
Relinquished by:	Date:	Time:	Received by:	Date: Time:
Relinquished by:	Date:	Time:	Received by:	Date: Time:

LAB USE ONLY
Sample Temperature 0.6/0.2

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

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

672141

Client Name: EOG	**Site Manager:** Mike Carmona
Project Name: Lomas Rojas	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-02278
Invoice to: EOG - Galan Kelley	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	Bottom Hole #21 (1.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #22 (1.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #23 (1.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #24 (1.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #25 (1.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #26 (4.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #27 (4.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #28 (4.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #29 (4.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #30 (4.5' BEB)	9/8/2020			X				X			1	N	X		X												X							

Relinquished by: Tonn Marley	Date: 9/9/20	Time: 1458	Received by: [illegible]
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 9/9/20 Time: 1458

Date: Time:

Date: Time:

LAB USE ONLY

Sample Temperature

0.1/0.2

REMARKS:

- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

607241

Client Name: EOG	**Site Manager:** Mike Carmona
Project Name: Lomas Rojas	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-02278
Invoice to: EOG - Galan Kelley	
Receiving Laboratory: Xenco	**Sampler Signature:** Conner Moehring
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	TIME	MATRIX WATER	SOIL		PRESERVATIVE METHOD HCL	HNO_3	ICE	None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	Bottom Hole #31 (4.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #32 (4.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #33 (4.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Bottom Hole #34 (4.5' BEB)	9/8/2020			X				X			1	N	X		X												X							
	Sidewall 1	9/8/2020			X				X			1	N	X		X												X							
	Sidewall 2	9/8/2020			X				X			1	N	X		X												X							
	Sidewall 3	9/8/2020			X				X			1	N	X		X												X							
	Sidewall 4	9/8/2020			X				X			1	N	X		X												X							
	Sidewall 5	9/8/2020			X				X			1	N	X		X												X							
	Sidewall 6	9/8/2020			X				X			1	N	X		X												X							

Relinquished by: Conner Moehring	Date: 9/4/20	Time: 1458	Received by: [signature]
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 9/9/20 Time: 1458

LAB USE ONLY
Sample Temperature 0-6|0.2

REMARKS:
- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr (72 hr)
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

607241

Client Name: EOG	Site Manager: Mike Carmona
Project Name: Lomas Rojas	
Project Location: (county, state) Lea Co, NM	Project #: 212C-MD-02278
Invoice to: EOG - Galan Kelley	
Receiving Laboratory: Xenco	Sampler Signature: Conner Moehring
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)
	Sidewall 7	9/8/2020			X				X		1	N
	Sidewall 8	9/8/2020			X				X		1	N
	Sidewall 9	9/8/20			X				X		1	N
	Sidewall 10	9/8/20			X				X		1	N

ANALYSIS REQUEST (Circle or Specify Method No.)

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

Relinquished by: Conner Moehring Date: 9/9/20 Time: 1458
Received by: [signature] Date: 9/9/20 Time: 1450

Relinquished by: Date: Time:
Received by: Date: Time:

Relinquished by: Date: Time:
Received by: Date: Time:

LAB USE ONLY
Sample Temperature
0.6/0.2

REMARKS:
- [ ] STANDARD
- [X] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Date/ Time Received: 09.09.2020 02.58.00 PM

Work Order #: 672141

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

Temperature Measuring device used : IR-8

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

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

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 09.09.2020
Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 09.10.2020
Jessica Kramer

Appendix D

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 11413

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
EOG RESOURCES INC P.O. Box 2267 Midland, TX79702	7377	11413	C-141

OCD Reviewer	Condition
rmarcus	None