Report Type: Revised Closure Report nRM1928438565

General Site Information:						
Site:	**Neptune 10 State 202H**					
Company:	**EOG Resources**					
Section, Township and Range		**Sec. 10**	**T 24S**	**R 33E**		
County:	**Lea County**					
GPS:	**32.228110**			**-103.567331**		
Surface Owner:	State					
Directions:	From the intersection of HWY 128 and Co Rd 2-A, travel north on Co Rd 2-A for 1.25 miles. The release occurred in the pasture to the east of the lease road.					

Release Data:	
Date Released:	7/5/2019
Type Release:	Produced Water
Source of Contamination:	Layflat Line
Fluid Released:	400 bbls
Fluids Recovered:	0 bbls

Official Communication:			
Name:	Todd Wells		Clair Gonzales
Company:	EOG Resources		Tetra Tech
Address:	5509 Champions Dr		901 W. Wall St.
			Ste 100
City:	Midland Texas, 79706		Midland, Texas
Phone number:	(432) 686-7016		(432) 682-4559
Fax:			
Email:	Todd_Wells@eogresources.com		Clair.Gonzales@tetratech.com

Site Characterization	
Depth to Groundwater:	*22'*

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 18, 2025

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

Re: Revised Closure Report for the EOG Resources, Neptune 10 State 202H, Section 10, Township 24 South, Range 33 East, Lea County, New Mexico.

Mr. Rose-Coss:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess and remediate a release that occurred at the EOG Resources, Neptune 10 State 202H, Section 10, Township 24 South, Range 33 East, Lea County, New Mexico (Site). The site coordinates are 32.228110º, -103.567331 º. 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 5th, 2019, and released approximately 400 barrels of produced water due to a truck striking the lay flat line. None of the released fluids were recovered. The release occurred in the pasture impacting areas measuring approximately 15' x 105', 100' x 185', 190' x 200', 25' x 200', 105' x 105, and 155' x 270'. 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 10, approximately 0.35 miles north of the site, and has a reported depth to groundwater of 22 feet below ground surface. The site characterization documents are shown in **Appendix B**.

Regulatory

A risk-based evaluation was performed for the Site in accordance with 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

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(collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Based upon the site characterization, the proposed RRAL for TPH is 100 mg/kg (GRO+DRO+MRO). Additionally, based on the site characterization, the proposed RRAL for chlorides is 600 mg/kg.

Soil Assessment and Analytical Results

On July 10th, 2019, Tetra Tech personnel were onsite to evaluate and sample the release area. A total of seventeen (17) auger holes (AH-1 through AH-17) were installed to total depths ranging from 0-1' and 4-4.5' below surface. 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, total BTEX, or TPH concentrations above the laboratory reporting limits. However, elevated chloride concentrations were detected. The areas of AH-3 through AH-17 showed chloride concentrations above the RRALs that were not vertically defined at total depths ranging from 0-1' and 1-1.5' below surface. The areas of AH-1 and AH-2 showed chloride highs of 13,900 mg/kg and 3,500 mg/kg at 0-1', which declined with depth to below the RRALs at 2-2.5' and 3-3.5' below surface, respectively.

Remediation and Reclamation Activities

Based on the results of the soil assessment, Tetra Tech personnel were onsite between July 29th through October 23rd, 2019, and December 11, 2019, to supervise the remediation and reclamation activities as well as to collect confirmation samples. The impacted areas were excavated to total depths ranging from 2.0'-4.0' below surface, as shown on **Figure 4.**

Confirmation bottom hole and sidewall samples were collected every 500 square feet, as approved by the NMOCD per an email dated October 17, 2019, which is shown in **Appendix D**. A total of 175 bottom hole samples (Bottom Hole 1 through Bottom Hole 175) and 30 sidewall samples (NWSW, SESW, NSW-1 through NSW-6, WSW-1 through WSW-6, SSW-1 through SSW-3, ESW-1 through ESW-6 and ISW-1 through ISW-7) were collected to ensure proper removal of the impacted soils. The samples were 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 of the final confirmation samples collected showed benzene, total BTEX, and TPH concentrations below the RRALs. Additionally, all final samples, except WSW-1, WSW-5, and ESW-4 showed chloride concentrations below the 600 mg/kg threshold. The areas of WSW-1, WSW-5, and ESW-4 showed chloride concentrations ranging from 1,020 mg/kg to 33,900 mg/kg.

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Confirmation Resampling Event

The samples were initially requested to be deferred, however, after denial from the NMOCD, EOG requested that Tetra Tech resample the area of the indicated sidewalls (WSW-1, WSW-5, and ESW-4) to determine remaining chloride impact. On June 24th and 25th, 2025, Tetra Tech installed a total of 5 hand auger soil borings directly outside of the previously mapped area of each sidewall, a total of 15 hand auger soil borings, to depths of 4.0 ft bgs. Each depth interval of each set of 5 soil borings was composited to represent a 5-point composite of each depth to determine if any of the previously determined remaining impact was present. Referring to **Table 2**, all composited depth intervals from each set of soil borings indicated chloride concentrations below the RRALs. Based on the laboratory results, it appears that the previous chloride concentrations have diluted since 2019 due to multiple rain events.

Approximately 10,200 cubic yards of material was excavated and transported offsite for proper disposal. The areas were then backfilled with clean material to surface grade.

Reseeding was performed in June 2020 to coincide with the rainy season in Southeastern New Mexico and aid in revegetation. Based on the soils at the site, the NMSLO Seed Mixture (L) for Loamy Sites was used and planted in the amount specified in the pounds pure live seed (PLS) per acre. The seed mixture was spread by a drill equipped with a depth regulator

Site inspections will be performed in 2026 to assess the revegetation progress and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the NMSLO will be contacted to determine an effective eradication method. If the site does not show revegetation, the area will be reseeded as appropriate. The NMSLO seed mixture details and corresponding pounds PLS per acre are included in **Appendix E**.

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

Respectfully submitted,
TETRA TECH

Brittany Long,
Project Manager

Clair Gonzales, P.G.
Midland Operations Manager

cc: Todd Wells – EOG
Bill Smith – EOG

TETRA TECH

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
NEPTUNE 202 LAYFLAT RELEASE
PROPERTY LOCATED AT 32.228110°,-103.567331°
LEA COUNTY, NEW MEXICO

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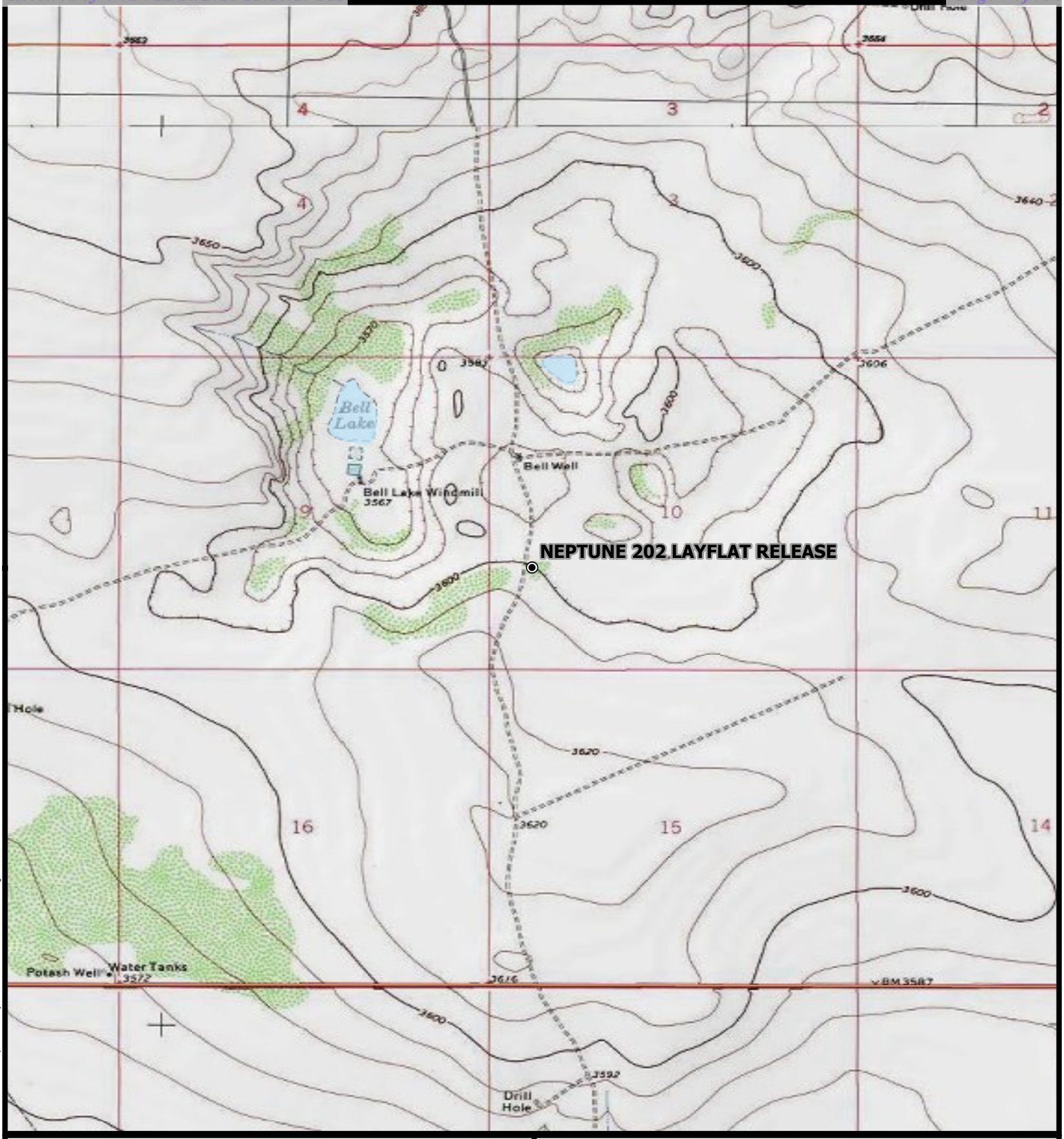
Project #:
212C-MD-01841

FIGURE
1

Document Path: C:\Users\MISTI.MORGAN\Desktop\project folder\212C-MD-01841 EOG Neptune 202 Layflat Release\MXD\212C-MD-01841 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

STATE LOCATOR MAP

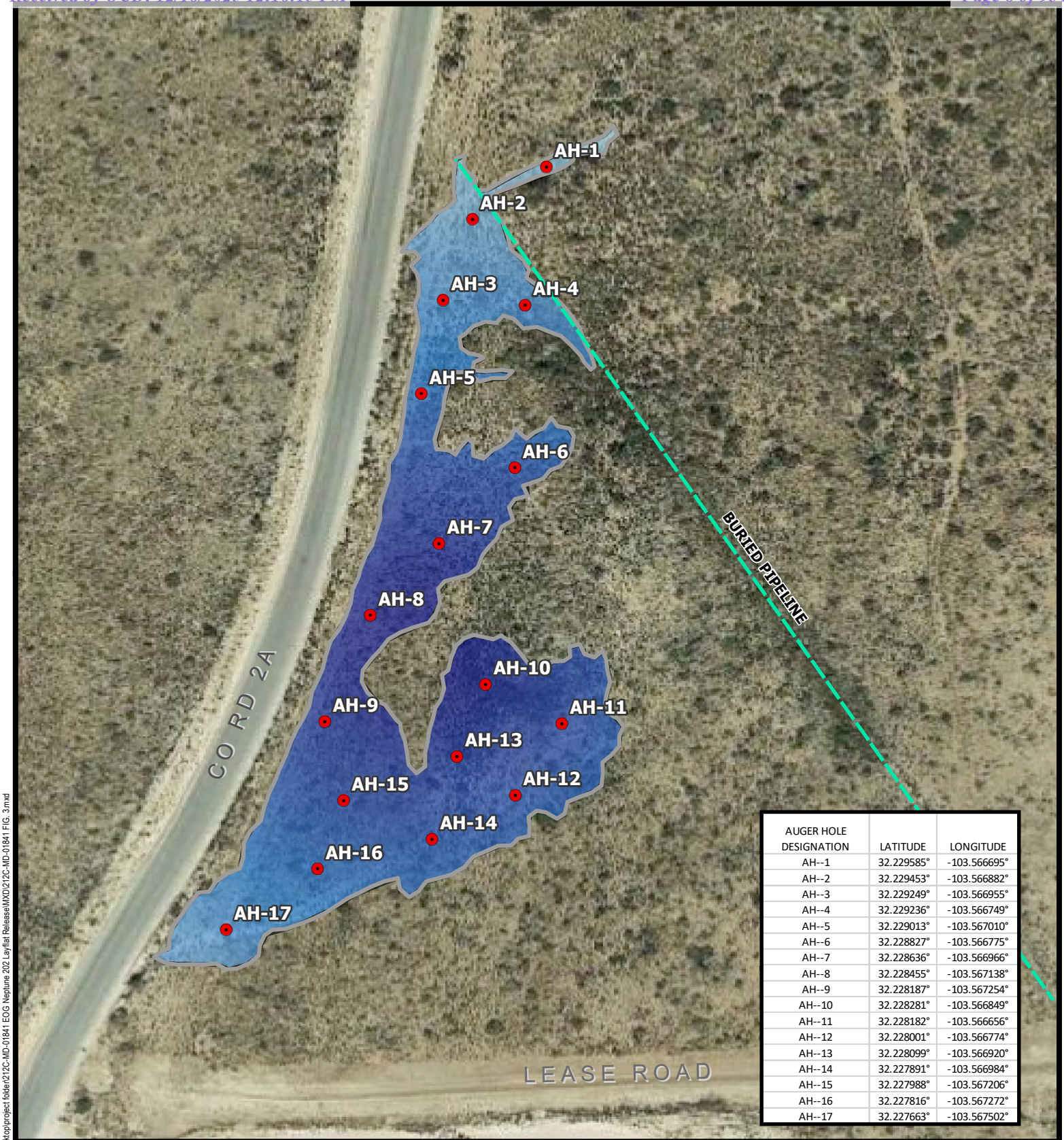
TOPOGRAPHIC MAP
NEPTUNE 202 LAYFLAT RELEASE
PROPERTY LOCATED AT 32.228110°,-103.567331°
LEA COUNTY, NEW MEXICO

eog resources

Project #:
212C-MD-01841

FIGURE
2

Document Path: C:\Users\MISTI.MORGAN\Desktop\project folder\212C-MD-01841 EOG Neptune 202 Layflat Release\MXD\212C-MD-01841 Fig.2.mxd



AUGER HOLE DESIGNATION	LATITUDE	LONGITUDE
AH--1	32.229585°	-103.566695°
AH--2	32.229453°	-103.566882°
AH--3	32.229249°	-103.566955°
AH--4	32.229236°	-103.566749°
AH--5	32.229013°	-103.567010°
AH--6	32.228827°	-103.566775°
AH--7	32.228636°	-103.566966°
AH--8	32.228455°	-103.567138°
AH--9	32.228187°	-103.567254°
AH--10	32.228281°	-103.566849°
AH--11	32.228182°	-103.566656°
AH--12	32.228001°	-103.566774°
AH--13	32.228099°	-103.566920°
AH--14	32.227891°	-103.566984°
AH--15	32.227988°	-103.567206°
AH--16	32.227816°	-103.567272°
AH--17	32.227663°	-103.567502°

AUGERHOLE SAMPLE LOCATIONS

BURIED PIPELINE

SPILL EXTENT AREA

N
W E
S

0 60 120

Approximate Scale in Feet

Source: "New Mexico". 32°13'46.51"N, 103°34'0.10"W. **Google Earth**. November 2017, August 15,2019

SPILL ASSESSMENT MAP
NEPTUNE 202 LAYFLAT RELEASE
PROPERTY LOCATED AT 32.228110°,-103.567331°
LEA COUNTY, NEW MEXICO

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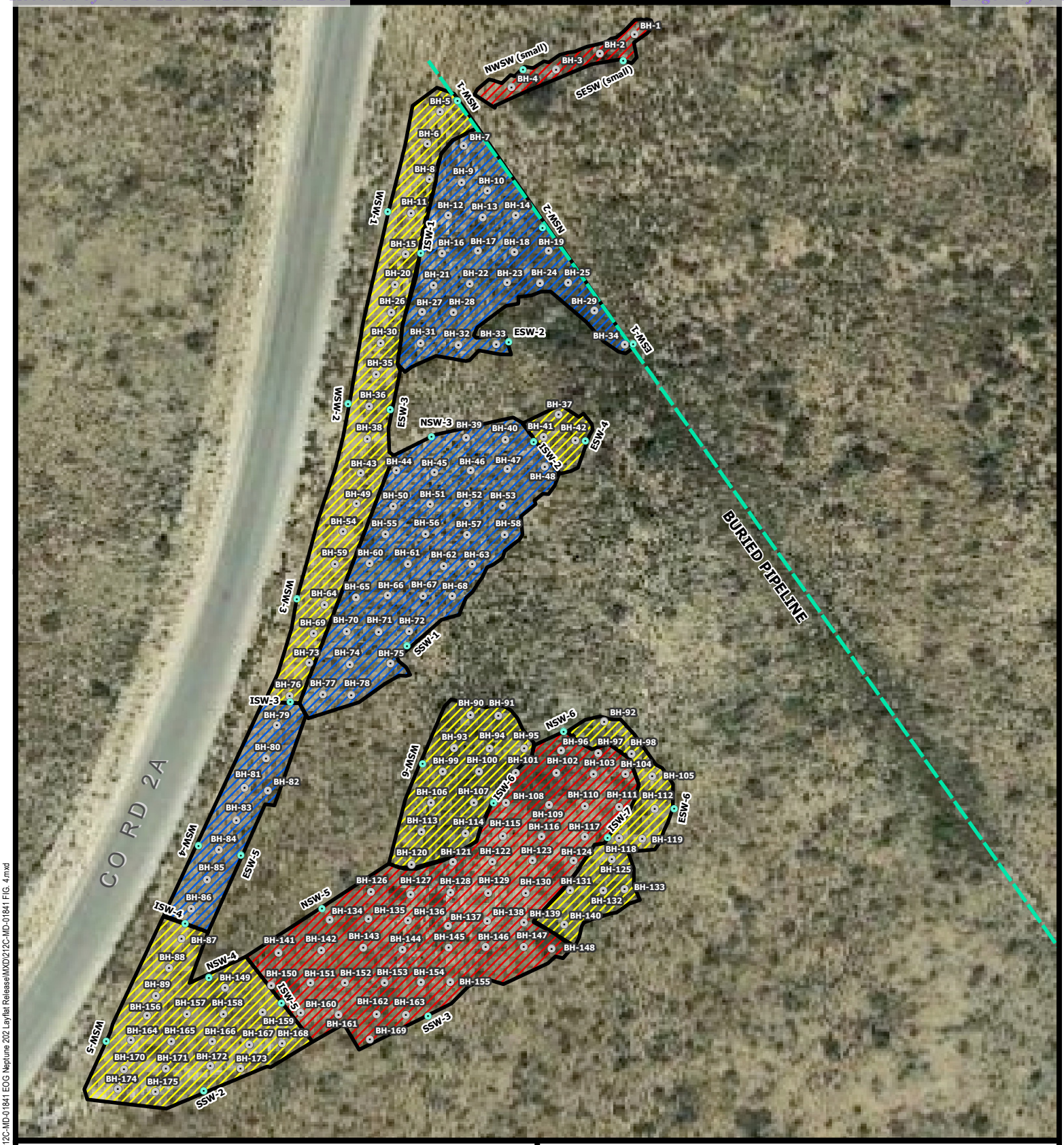
Project #:
212C-MD-01841

FIGURE
3

Date: 8/15/2019 Document Path: C:\Users\MISTI.MORGAN\Desktop\project folder\212C-MD-01841 EOG Neptune 202 Layflat Release\MXD\212C-MD-01841 FIG. 3.mxd



BOTTOM HOLE SAMPLE LOCATIONS

SIDEWALL SAMPLE LOCATIONS

BURIED PIPELINE

2.0' EXCAVATED DEPTH AREA

3.0' EXCAVATED DEPTH AREA

4.0' EXCAVATED DEPTH AREA

N

W E

S

0 45 90

Approximate Scale in Feet

Source: "New Mexico". 32°13'46.51"N, 103°34'0.10"W. **Google Earth**. November 2017, August 15 2019

EXCAVATION AREA & DEPTH MAP
NEPTUNE 202 LAYFLAT RELEASE
PROPERTY LOCATED AT 32.228110°,-103.567331°
LEA COUNTY, NEW MEXICO

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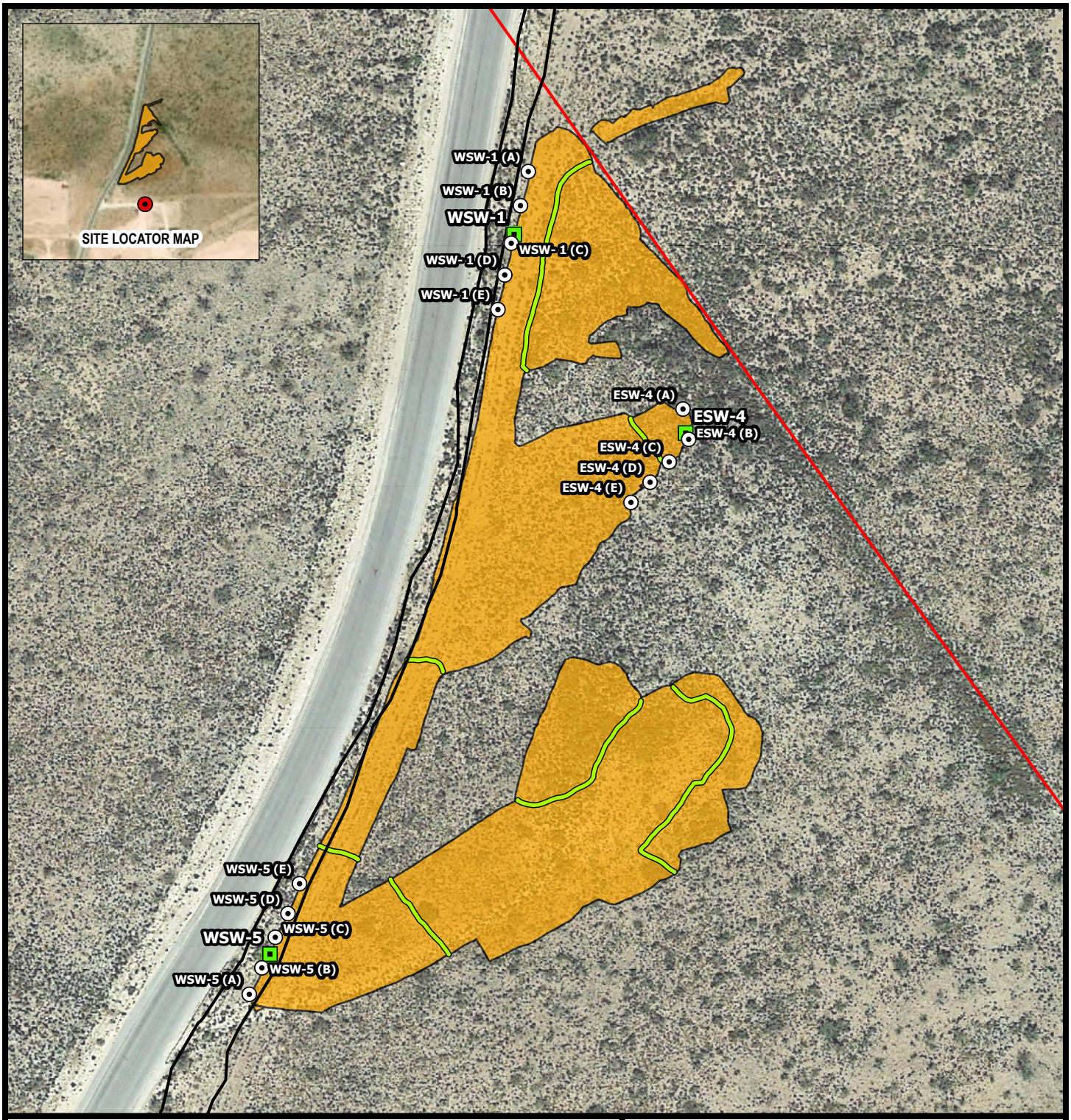
Project #: 212C-MD-01841

FIGURE 4

Date: 1/3/2020 Document Path: H:\GIS\EOG RESOURCES\212C-MD-01841 EOG Neptune 202 Layflat Release\MXD\212C-MD-01841 FIG. 4.mxd



SAMPLING ZONE
SAMPLE LOCATION
RISER LOCATION
BURIED LINE
EARTH BERM / NO SIGN OR MARKER OF A BUIRED LINE
GRADIENT CHANGE
SURFACE POLYLINES
2019 EXCAVATION AREA

N
W E
S

0 50 100
Approximate Scale in Feet

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FIGURE 5
CONFIRMATION RESAMPLE MAP
NEPTUNE 202 LAYFLAT RELEASE
LEA COUNTY, NEW MEXICO
32.228110°,-103.567331°

Project: 212C-MD-03896	
Date: 9/5/2025	
Name: Figure 5 - Neptune 202	

Document Path: H:\Acad data\EOG\212C-MD-03896\GIS

Source: Google Maps, 2019.

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Tables

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Table 1
EOG
Neptune 202 Layflat
Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	BEB Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
				In-Situ	Removed	GRO	DRO	ORO	Total						
AH-1	7/10/2019	0-1	-		X	<15.0	<15.0	<15.0	<15.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**13,900**
	"	1-1.5	-		X	<14.9	<14.9	<14.9	<14.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**1,980**
	"	2-2.5	-	X		-	-	-	-	-	-	-	-	-	516
	"	3-3.5	-	X		-	-	-	-	-	-	-	-	-	183
	"	4-4.5	-	X		-	-	-	-	-	-	-	-	-	53.6
AH-2	7/10/2019	0-1	-		X	<15.0	<15.0	<15.0	<15.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**3,500**
	"	1-1.5	-		X	<15.0	<15.0	<15.0	<15.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**1,590**
	"	2-2.5	-		X	-	-	-	-	-	-	-	-	-	**946**
	"	3-3.5	-	X		-	-	-	-	-	-	-	-	-	130
	"	4-4.5	-	X		-	-	-	-	-	-	-	-	-	79.0
AH-3	7/10/2019	0-1	-		X	<15.0	<15.0	<15.0	<15.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**1,640**
	"	1-1.5	-		X	<14.9	<14.9	<14.9	<14.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**5,290**
	"	2-2.5	-		X	-	-	-	-	-	-	-	-	-	**4,740**
	"	3-3.5	-		X	-	-	-	-	-	-	-	-	-	**885**
AH-4	7/10/2019	0-1	-		X	<15.0	<15.0	<15.0	<15.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**7,980**
	"	1-1.5	-		X	<15.0	<15.0	<15.0	<15.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**7,470**
	"	2-2.5	-		X	-	-	-	-	-	-	-	-	-	**4,840**
	"	3-3.5	-		X	-	-	-	-	-	-	-	-	-	**889**
AH-5	7/10/2019	0-1	-		X	<15.0	<15.0	<15.0	<15.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**4,450**
	"	1-1.5	-		X	<15.0	<15.0	<15.0	<15.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**5,700**
AH-6	7/10/2019	0-1	-		X	<14.9	<14.9	<14.9	<14.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**4,640**
	"	1-1.5	-		X	<15.0	<15.0	<15.0	<15.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**1,400**
AH-7	7/10/2019	0-1	-		X	<15.0	<15.0	<15.0	<15.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**4,480**
	"	1-1.5	-		X	<15.0	<15.0	<15.0	<15.0	<0.00196	<0.00196	<0.00196	<0.00196	<0.00196	**3,290**
AH-8	7/10/2019	0-1	-		X	<14.9	<14.9	<14.9	<14.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**3,600**
	"	1-1.5	-		X	<15.0	<15.0	<15.0	<15.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**5,450**
	"	2-2.5	-		X	-	-	-	-	-	-	-	-	-	**4,500**
AH-9	7/10/2019	0-1	-		X	<15.0	<15.0	<15.0	<15.0	<0.00197	<0.00197	<0.00197	<0.00197	<0.00197	**4,360**

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Table 1
EOG
Neptune 202 Layflat
Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	BEB Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
				In-Situ	Removed	GRO	DRO	ORO	Total						
AH-10	7/10/2019	0-1	-		X	<15.0	<15.0	<15.0	<15.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**4,990**
	"	1-1.5	-		X	<15.0	<15.0	<15.0	<15.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**5,200**
AH-11	7/10/2019	0-1	-		X	<15.0	<15.0	<15.0	<15.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**6,250**
	"	1-1.5	-		X	<15.0	<15.0	<15.0	<15.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**5,160**
AH-12	7/10/2019	0-1	-		X	<14.9	<14.9	<14.9	<14.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**4,710**
	"	1-1.5	-		X	<15.0	<15.0	<15.0	<15.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**2,860**
AH-13	7/10/2019	0-1	-		X	<15.0	<15.0	<15.0	<15.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**6,320**
	"	1-1.5	-		X	<15.0	<15.0	<15.0	<15.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**8,520**
AH-14	7/10/2019	0-1	-		X	<15.0	<15.0	<15.0	<15.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**10,200**
	"	1-1.5	-		X	<14.9	<14.9	<14.9	<14.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**6,310**
AH-15	7/10/2019	0-1	-		X	<15.0	<15.0	<15.0	<15.0	<0.00199	<0.00199	<0.00199	0.0716	0.0716	**6,430**
	"	1-1.5	-		X	<15.0	<15.0	<15.0	<15.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**2,250**
AH-16	7/10/2019	0-1	-		X	<15.0	<15.0	<15.0	<15.0	<0.00197	<0.00197	<0.00197	<0.00197	<0.00197	**3,900**
	"	1-1.5	-		X	<15.0	<15.0	<15.0	<15.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**3,340**
AH-17	7/10/2019	0-1	-		X	<15.0	<15.0	<15.0	<15.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	486
	"	1-1.5	-		X	<15.0	<15.0	<15.0	<15.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**1,810**

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Table 2
EOG
Neptune 202 Layflat
Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	BEB Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
				In-Situ	Removed	GRO	DRO	ORO	Total						
Bottom Hole 1	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	<4.95
Bottom Hole 2	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<5.03
Bottom Hole 3	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	73.0
Bottom Hole 4	10/22/2019	-	2.0		X	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**753**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	11.3
Bottom Hole 5	10/22/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	12.1
Bottom Hole 6	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	78.7
Bottom Hole 7	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	175
Bottom Hole 8	10/22/2019	-	4.0	X		<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	28.4
Bottom Hole 9	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	225
Bottom Hole 10	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	16.7
Bottom Hole 11	10/22/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	41.0
Bottom Hole 12	10/22/2019		3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	283
Bottom Hole 13	10/22/2019	-	3.0		X	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**885**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	142
Bottom Hole 14	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	6.01
Bottom Hole 15	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	81.7
Bottom Hole 16	10/22/2019	-	3.0	X		<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	488
Bottom Hole 17	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	37.7
Bottom Hole 18	10/22/2019	-	3.0	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	21.7
Bottom Hole 19	10/22/2019	-	3.0	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	19.9
Bottom Hole 20	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	64.7
Bottom Hole 21	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	540
Bottom Hole 22	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	507

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EOG
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				In-Situ	Removed	GRO	DRO	ORO	Total						
Bottom Hole 23	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	336
Bottom Hole 24	10/22/2019	-	3.0	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	22.0
Bottom Hole 25	10/22/2019	-	3.0	X		<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	14.1
Bottom Hole 26	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	151
Bottom Hole 27	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	166
Bottom Hole 28	10/22/2019	-	3.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	515
Bottom Hole 29	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	6.94
Bottom Hole 30	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	120
Bottom Hole 31	10/22/2019	-	2.5		X	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	**755**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	267
Bottom Hole 32	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	35.4
Bottom Hole 33	10/22/2019	-	3.0	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	73.7
Bottom Hole 34	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<4.95
Bottom Hole 35	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	98.7
Bottom Hole 36	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	291
Bottom Hole 37	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	19.7
Bottom Hole 38	10/22/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	134
Bottom Hole 39	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	24.1
Bottom Hole 40	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	50.0
Bottom Hole 41	10/22/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	13.4
Bottom Hole 42	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	34.0
Bottom Hole 43	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	241
Bottom Hole 44	10/22/2019	-	3.0	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	50.9
Bottom Hole 45	10/22/2019	-	3.0	X		<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	246

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				In-Situ	Removed	GRO	DRO	ORO	Total						
Bottom Hole 46	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	276
Bottom Hole 47	10/22/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	442
Bottom Hole 48	10/23/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	178
Bottom Hole 49	10/23/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	100
Bottom Hole 50	10/23/2019	-	3.0	X		<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	32.0
Bottom Hole 51	10/23/2019	-	2.5		X	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**728**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	265
Bottom Hole 52	10/23/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	266
Bottom Hole 53	10/23/2019	-	3.0	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	83.5
Bottom Hole 54	10/23/2019	-	4.0	X		<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	114
Bottom Hole 55	10/23/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	149
Bottom Hole 56	10/23/2019	-	2.5		X	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	**909**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	133
Bottom Hole 57	10/23/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	239
Bottom Hole 58	10/23/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	17.0
Bottom Hole 59	10/23/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	482
Bottom Hole 60	10/23/2019	-	2.5		X	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**874**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	202
Bottom Hole 61	10/23/2019	-	2.5		X	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	**997**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	217
Bottom Hole 62	10/23/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	540
Bottom Hole 63	10/23/2019		3.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	121
Bottom Hole 64	10/23/2019	-	2.0		X	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**845**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	161

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				In-Situ	Removed	GRO	DRO	ORO	Total						
Bottom Hole 65	10/23/2019	-	2.5		X	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**740**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	285
Bottom Hole 66	10/23/2019	-	2.5		X	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**923**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	386
Bottom Hole 67	10/23/2019	-	2.5		X	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**903**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	120
Bottom Hole 68	10/23/2019	-	2.5		X	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**985**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	24.9
Bottom Hole 69	10/23/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	157
Bottom Hole 70	10/23/2019	-	2.5		X	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	**1220**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	193
Bottom Hole 71	10/23/2019	-	2.5		X	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**817**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	54.4
Bottom Hole 72	10/23/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	23.0
Bottom Hole 73	10/23/2019	-	2.0		X	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**3150**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	56.4
Bottom Hole 74	10/23/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	484
Bottom Hole 75	10/23/2019	-	3.0	X		<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	17.1
Bottom Hole 76	10/23/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	243
Bottom Hole 77	10/23/2019	-	3.0	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	55.0
Bottom Hole 78	10/23/2019	-	3.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	28.8
Bottom Hole 79	10/23/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	208
Bottom Hole 80	10/23/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	360
Bottom Hole 81	10/23/2019	-	3.0	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	528
Bottom Hole 82	10/23/2019	-	2.5		X	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**873**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	107

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				In-Situ	Removed	GRO	DRO	ORO	Total						
Bottom Hole 83	10/23/2019	-	3.0	X		<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	43.1
Bottom Hole 84	10/23/2019	-	3.0	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	32.7
Bottom Hole 85	10/23/2019	-	2.0		X	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**977**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	130
Bottom Hole 86	10/23/2019	-	2.0		X	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**2,950**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	127
Bottom Hole 87	10/23/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	252
Bottom Hole 88	10/23/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	257
Bottom Hole 89	10/23/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	269
Bottom Hole 90	10/23/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	26.1
Bottom Hole 91	10/23/2019	-	4.0	X		<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	15.0
Bottom Hole 92	10/23/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	12.7
Bottom Hole 93	10/23/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	38.1
Bottom Hole 94	10/23/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	9.90
Bottom Hole 95	10/23/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	38.6
Bottom Hole 96	10/23/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	40.8
Bottom Hole 97	10/23/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	205
Bottom Hole 98	10/23/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	26.9
Bottom Hole 99	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	14.2
Bottom Hole 100	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<5.03
Bottom Hole 101	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	24.6
Bottom Hole 102	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	145
Bottom Hole 103	10/22/2019	-	2.0	X		<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	57.9
Bottom Hole 104	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	47.4

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EOG
Neptune 202 Layflat
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Sample ID	Sample Date	Sample Depth (ft)	BEB 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	ORO	Total						
Bottom Hole 105	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	19.3
Bottom Hole 106	10/22/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	6.81
Bottom Hole 107	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	43.6
Bottom Hole 108	10/22/2019	-	2.0		X	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**725**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	147
Bottom Hole 109	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	126
Bottom Hole 110	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	91.1
Bottom Hole 111	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	25.1
Bottom Hole 112	10/22/2019	-	4.0	X		<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	12.6
Bottom Hole 113	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	23.9
Bottom Hole 114	10/22/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	137
Bottom Hole 115	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	67.2
Bottom Hole 116	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	89.8
Bottom Hole 117	10/22/2019	-	2.0	X		<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	220
Bottom Hole 118	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	49.7
Bottom Hole 119	10/22/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	27.6
Bottom Hole 120	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	196
Bottom Hole 121	10/22/2019	-	2.0		X	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**6,710**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	14.9
Bottom Hole 122	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	58.9
Bottom Hole 123	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	57.5
Bottom Hole 124	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	153
Bottom Hole 125	10/22/2019	-	4.0	X		<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	23.9
Bottom Hole 126	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	63.6

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Sample ID	Sample Date	Sample Depth (ft)	BEB 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	ORO	Total						
Bottom Hole 127	10/22/2019	-	2.0		X	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	**1,120**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	22.4
Bottom Hole 128	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	473
Bottom Hole 129	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	69.2
Bottom Hole 130	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	110
Bottom Hole 131	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	180
Bottom Hole 132	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	19.1
Bottom Hole 133	10/22/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	<5.03
Bottom Hole 134	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	11.3
Bottom Hole 135	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	78.6
Bottom Hole 136	10/22/2019	-	2.0		X	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**642**
	12/2/2019	-	3.0	X		-	-	-	-	-	-	-	-	-	21.7
Bottom Hole 137	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	33.3
Bottom Hole 138	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	108
Bottom Hole 139	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	127
Bottom Hole 140	10/22/2019	-	4.0	X		<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	62.0
Bottom Hole 141	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	181
Bottom Hole 142	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	161
Bottom Hole 143	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	694
Bottom Hole 144	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	304
Bottom Hole 145	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	118
Bottom Hole 146	10/22/2019	-	2.0	X		<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	544
Bottom Hole 147	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	83.7
Bottom Hole 148	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	51.7
Bottom Hole 149	10/22/2019	-	4.0	X		<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	105

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				In-Situ	Removed	GRO	DRO	ORO	Total						
Bottom Hole 150	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	60.0
Bottom Hole 151	10/24/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	9.47
Bottom Hole 152	10/24/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	188
Bottom Hole 153	10/24/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	2,480
	12/11/2019	-	2.0	X		-	-	-	-	-	-	-	-	-	248
Bottom Hole 154	10/24/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	710
	12/11/2019	-	2.0	X		-	-	-	-	-	-	-	-	-	115
Bottom Hole 155	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	23.6
Bottom Hole 156	10/22/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	75.7
Bottom Hole 157	10/22/2019	-	4.0	X		<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	52.3
Bottom Hole 158	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	154
Bottom Hole 159	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	12.4
Bottom Hole 160	10/22/2019	-	2.0	X		<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	212
Bottom Hole 161	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	891
	12/11/2019	-	2.0	X		-	-	-	-	-	-	-	-	-	370
Bottom Hole 162	10/22/2019	-	2.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	1,330
	12/11/2019	-	2.0	X		-	-	-	-	-	-	-	-	-	167
Bottom Hole 163	10/22/2019	-	2.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	26.4
Bottom Hole 164	10/22/2019	-	4.0	X		<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	22.3
Bottom Hole 165	10/22/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	130
Bottom Hole 166	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	195
Bottom Hole 167	10/22/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	352
Bottom Hole 168	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	154
Bottom Hole 169	10/22/2019	-	2.0	X		<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	430
Bottom Hole 170	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	25.9
Bottom Hole 171	10/22/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	216

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				In-Situ	Removed	GRO	DRO	ORO	Total						
Bottom Hole 172	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	450
Bottom Hole 173	10/22/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	165
Bottom Hole 174	10/22/2019	-	4.0	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	271
Bottom Hole 175	10/22/2019	-	4.0	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	197
NWSW (Small)	10/23/2019	-	-	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	61.3
SESW (Small)	10/23/2019	-	-	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<5.04
NSW 1	10/23/2019	-	-	X		<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	3,120
NSW 2	10/23/2019	-	-	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	341
NSW 4	10/23/2019	-	-	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	124
NSW 4	10/23/2019	-	-	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	391
NSW 5	10/23/2019	-	-	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	185
NSW 6	10/23/2019	-	-	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	8.23
WSW 1	10/23/2019	-	-	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	**33,900**
WSW-1	6/24/2025	0-1	-	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	1.0-2.0	-	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	2.0-3.0		X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	3.0-4.0	-	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
WSW 2	10/23/2019		-	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	93.1
WSW 3	10/23/2019		-	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	280
WSW 4	10/23/2019		-	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	304
WSW 5	10/23/2019	-	-	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**7,370**
WSW-5	6/25/2025	0-1	-	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	1.0-2.0	-	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	2.0-3.0		X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
	"	3.0-4.0	-	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
WSW 6	10/23/2019	-	-	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	5.89

Released to Imaging: 2/18/2026 12:00:57 PM
Received by OCD: 12/18/2025 12:16:15 PM

Table 2
EOG
Neptune 202 Layflat
Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	BEB Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
				In-Situ	Removed	GRO	DRO	ORO	Total						
SSW 1	10/23/2019	-	-	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	13.5
SSW 2	10/23/2019	-	-	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	511
SSW 3	10/23/2019	-	-	X		<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	150
ESW 1	10/23/2019	-	-	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	46.0
ESW 2	10/23/2019	-	-	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	47.4
ESW 3	10/23/2019	-	-	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	175
ESW 4	10/23/2019	-	-	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	**1,020**
ESW-4	6/24/2025	0-1	-	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	1.0-2.0	-	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	2.0-3.0		X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	3.0-4.0	-	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
ESW 5	10/23/2019	-	-	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	38.1
ESW 6	10/23/2019	-	-	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<4.95
ISW 1	10/23/2019	-	-	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	48.7
ISW 2	10/23/2019	-	-	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	32.1
ISW 3	10/23/2019	-	-	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	171
ISW 4	10/23/2019	-	-	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	89.1
ISW 5	10/23/2019	-	-	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	351
ISW 6	10/23/2019	-	-	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	75.4
ISW 7	10/23/2019	-	-	X		<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	25.3

TETRA TECH

Photographic Documentation

EOG Resources
Neptune 10 State 202H
Lea County, New Mexico

TETRA TECH

View North – Excavated Areas

View Northeast – Excavated Areas

EOG Resources
Neptune 10 State 202H
Lea County, New Mexico

TETRA TECH

View North – Excavated Areas

View South – Excavated Areas

EOG Resources
Neptune 10 State 202H
Lea County, New Mexico

TETRA TECH

View South – Excavated Areas

View North – Excavated Areas

EOG Resources
Neptune 10 State 202H
Lea County, New Mexico

TETRA TECH

View North – Excavated Areas

View South – Excavated Areas

EOG Resources
Neptune 10 State 202H
Lea County, New Mexico

TETRA TECH

View North – Excavated Areas

View South – Additional Excavation

EOG Resources
Neptune 10 State 202H
Lea County, New Mexico

View North – Additional Excavation

TETRA TECH

Appendix A

C-141 Document

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name James Kennedy	Contact Telephone (432) 848-9146
Contact email James_Kennedy@eogresources.com	Incident # *(assigned by OCD)*
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.228110° Longitude -103.567331°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Neptune 10 State 202H	Site Type EOG Well
Date Release Discovered 7/5/19	API# *(if applicable)* 30-025-45635

Unit Letter	Section	Township	Range	County
	10	24S	33E	Lea

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 400	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: A mechanic truck ran off the road and struck the lay flat line causing the release. Approximately 400 bbls of water was released and 0 bbls recovered.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	
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? Over 25 bbls released.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? No	

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: James Kennedy Title: Environmental Specialist

Signature: Date: 10-10-19

email: James_Kennedy@eogresources.com Telephone: (432) 848-9146

OCD Only

Received by: Date:

TETRA TECH

Appendix B

Site Characterization Documents

USGS science for a changing world

National Water Information System: Mapper

Sites | Map

Search

Search by Street Address:
32.229695, -103.566759

Search by Place Name:
Enter Place Name

Search by Site Number(s):
Enter Site Number(s)

Search by State/Territory:
Select an Area

Search by Watershed Region:
Select a Region

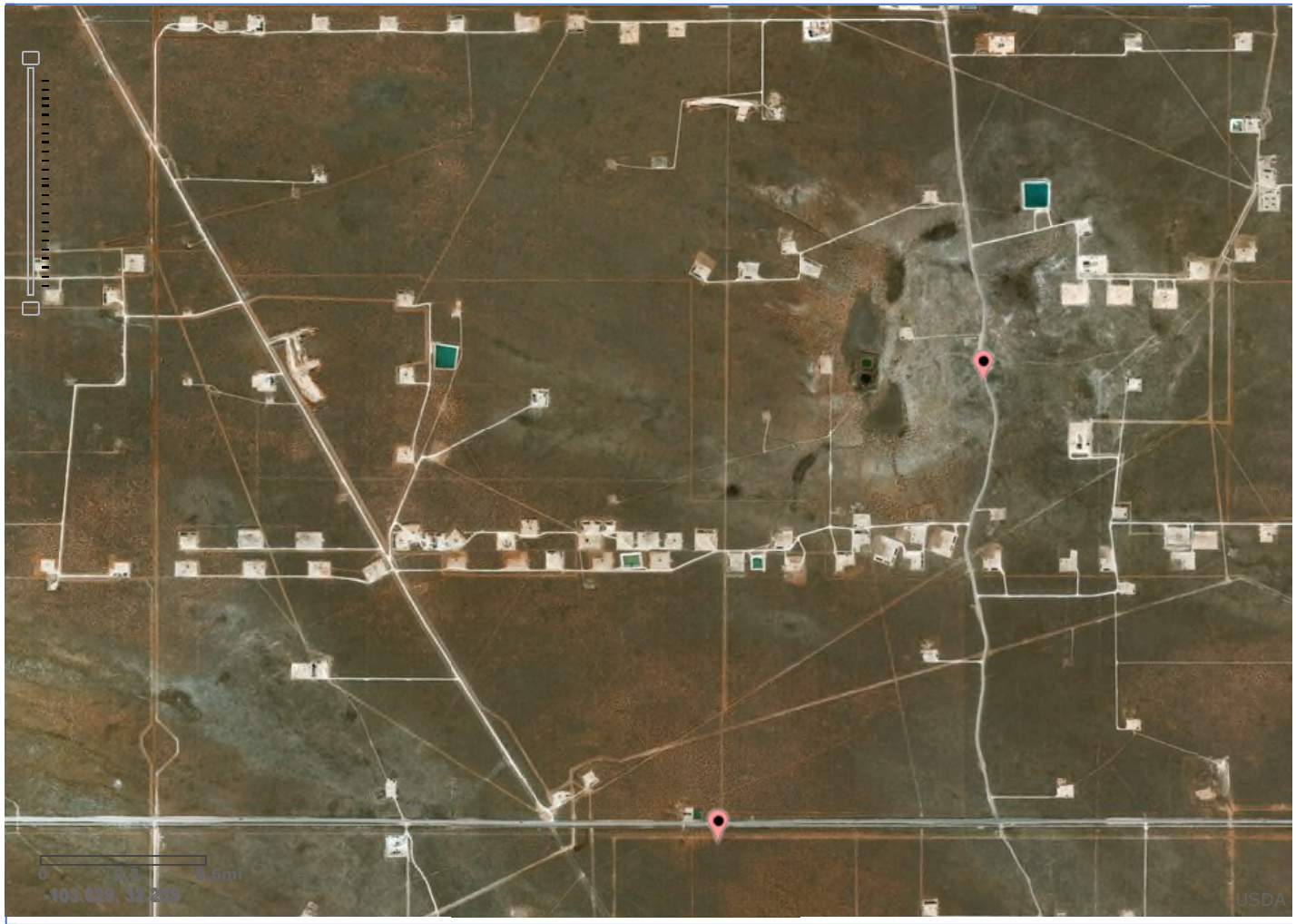
Surface-Water Sites

Groundwater Sites

Springs

Atmospheric Sites

Other Sites



Site Information

National Water Information System: Web Interface

Click to hideNews Bulletins

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

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =

- 321348103340401

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

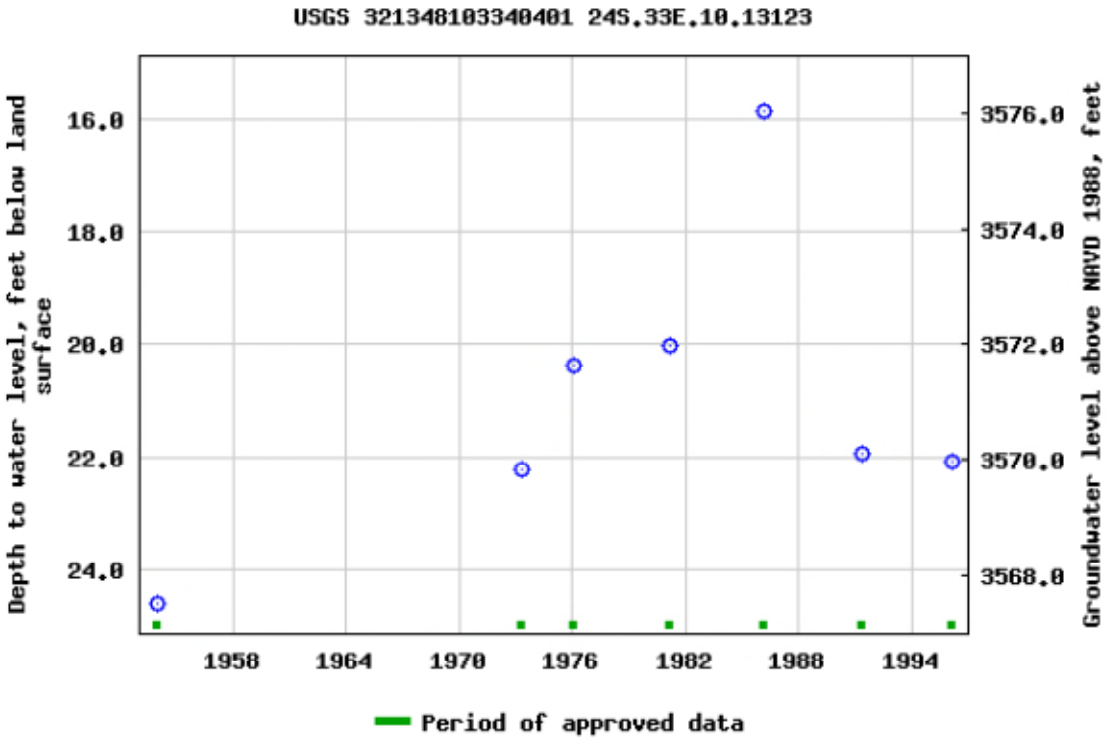
USGS 321348103340401 24S.33E.10.13123

Available data for this site Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°14'04.9", Longitude 103°34'02.4" NAD83
Land-surface elevation 3,592 feet above NAVD88
The depth of the well is 36 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



Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Accessibility Plug-Ins FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2019-07-17 10:58:01 EDT
1.07 0.91 nadww01

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

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02308	CUB	LE	1	3	1	10	24S	33E	634953	3567364*	40	20	20
C 02309	CUB	LE	2	2	2	25	24S	33E	639638	3562994*	60	30	30
C 02310	CUB	LE	2	3	2	33	24S	33E	634437	3560918*	120	70	50
C 02311	CUB	LE	2	3	2	33	24S	33E	634437	3560918*	120	70	50
C 02430	CUB	LE	3	3	3	16	24S	33E	633377	3564732*	643	415	228
C 02431	CUB	LE	4	4	4	17	24S	33E	633175	3564728*	525	415	110
C 02432	CUB	LE	4	4	4	17	24S	33E	633175	3564728*	640	415	225
C 02563	CUB	LE	1	4	2	33	24S	33E	634639	3560923*	120		
C 02564	CUB	LE	2	4	2	33	24S	33E	634839	3560923*	120		
C 02890	C	LE		2	4	29	24S	33E	633114	3562012*	500		
C 03565 POD3	CUB	LE		3	4	08	24S	33E	632763	3566546		1533	
C 03591 POD1	CUB	LE	2	1	4	05	24S	33E	632731	3568518			
C 03600 POD1	CUB	LE	2	2	1	26	24S	33E	637275	3563023			
C 03600 POD2	CUB	LE	4	4	1	25	24S	33E	638824	3562329			
C 03600 POD3	CUB	LE	3	4	2	26	24S	33E	637784	3562340			
C 03600 POD4	CUB	LE	3	3	1	26	24S	33E	636617	3562293			
C 03600 POD5	CUB	LE	3	2	4	26	24S	33E	637857	3562020			
C 03600 POD6	CUB	LE	3	1	4	26	24S	33E	637383	3562026			
C 03600 POD7	CUB	LE	3	1	3	26	24S	33E	636726	3561968			
C 03601 POD1	CUB	LE	4	4	2	23	24S	33E	638124	3563937			
C 03601 POD2	CUB	LE	3	2	4	23	24S	33E	637846	3563588			
C 03601 POD3	CUB	LE	1	3	3	24	24S	33E	638142	3563413			
C 03601 POD4	CUB	LE	3	3	3	24	24S	33E	638162	3561375			
C 03601 POD5	CUB	LE	2	4	4	23	24S	33E	637988	3563334			
C 03601 POD6	CUB	LE	1	4	4	23	24S	33E	637834	3563338			
C 03601 POD7	CUB	LE	4	4	4	23	24S	33E	637946	3563170			

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

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

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

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

POD Number	POD Sub-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 03602 POD2	CUB	LE	4	4	1	25	24S	33E	638824	3562329			
C 03603 POD1	CUB	LE	3	2	2	35	24S	33E	637805	3561225			
C 03603 POD2	CUB	LE	3	1	2	35	24S	33E	637384	3561167			
C 03603 POD3	CUB	LE	4	1	1	35	24S	33E	636890	3561092			
C 03603 POD4	CUB	LE	3	2	4	35	24S	33E	637789	3560461			
C 03603 POD5	CUB	LE	3	3	2	35	24S	33E	636745	3560767			
C 03603 POD6	CUB	LE	3	1	3	35	24S	33E	636749	3560447			
C 03662 POD1	C	LE	3	1	2	23	24S	33E	637342	3564428	550	110	440
C 03666 POD1	C	LE	2	3	4	13	24S	33E	639132	3565078	650	390	260
C 03679 POD1	C	ED	1	4	2	14	24S	33E	603567	3581547	700	575	125
C 03917 POD1	C	LE	4	1	3	13	24S	33E	638374	3565212	600	420	180
C 04014 POD2	CUB	LE	4	4	2	01	24S	33E	639656	3568917	95	81	14
C 04014 POD3	CUB	LE	2	4	2	01	24S	33E	639497	3569007	95	87	8
C 04014 POD4	CUB	LE	3	4	2	01	24S	33E	639295	3568859	96	86	10
C 04014 POD5	CUB	LE	1	4	2	01	24S	33E	639284	3569086	95	85	10

Average Depth to Water: **300 feet**

Minimum Depth: **20 feet**

Maximum Depth: **1533 feet**

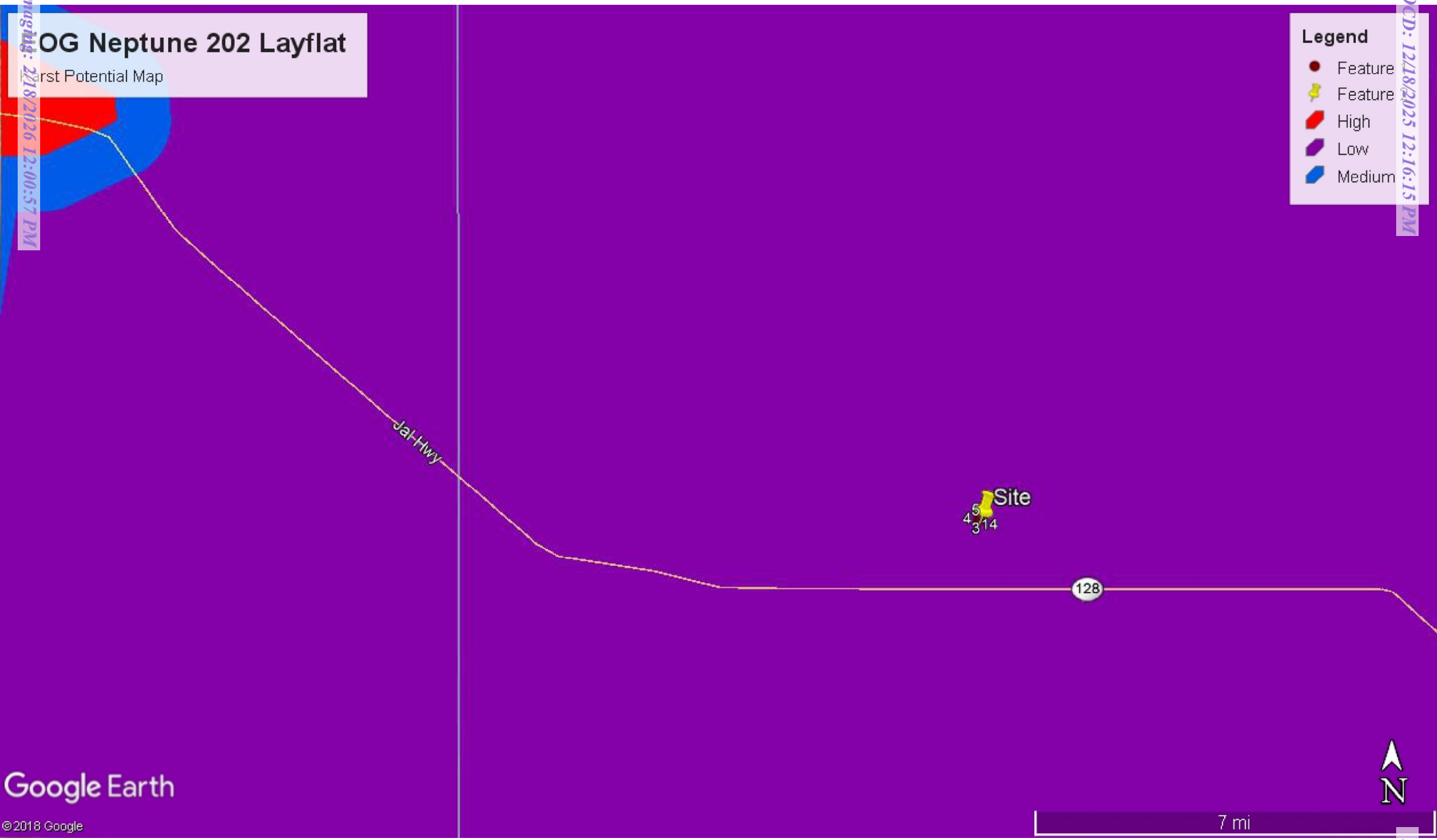
Record Count: 41

PLSS Search:

Township: 24S **Range:** 33E

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Released to Imaging: 2/18/2026 12:00:57 PM
Received by OCD: 12/18/2025 12:16:15 PM



Water Well Data
Average Depth to Groundwater (ft)
EOG - Neptune 202 Layflat
Lea County, New Mexico

23 South 32 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21 400	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

23 South 33 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

23 South 34 East

6 329	5	4	3	2	1 137
7	8 255	9	10	11	12
18	17	16 345	15	14	13
19	20	21	22 282 295	23 233 265	24
30	29	28	27	26	25
31	32 160 130	33	34	35	36

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 97	16	15	14	13
19	20	21	22	23 208	24 16.9
30	29	28	27	26	25
31	32	33 93.2	34	35	36

24 South 34 East

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

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 90	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
31 257	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 50	28	27	26	25
31	32	33	34	35	36

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

TETRA TECH

Appendix C

Laboratory Reports

Certificate of Analysis Summary 630566

Tetra Tech- Midland, Midland, TX

Project Name: Neptune 202 Lay Flat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea CO, NM

Date Received in Lab: Thu Jul-11-19 11:55 am
Report Date: 16-JUL-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	630566-001		630566-002		630566-003		630566-004		630566-005		630566-006	
	Field Id:	AH1 (0-1')		AH1 (1-1.5')		AH1 (2-2.5')		AH1 (3-3.5')		AH1 (4-4.5')		AH2 (0-1')	
	Depth:	0-1 ft		1-1.5 ft		2-2.5 ft		3-3.5 ft		4-4.5 ft		0-1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00	
BTEX by EPA 8021B SUB: T104704400-18-16	***Extracted:***	Jul-12-19 16:35		Jul-12-19 16:35								Jul-12-19 16:35	
	Analyzed:	Jul-14-19 16:04		Jul-14-19 16:27								Jul-14-19 16:50	
	Units/RL:	mg/kg	RL	mg/kg	RL							mg/kg	RL
Benzene		<0.00198	0.00198	<0.00198	0.00198							<0.00199	0.00199
Toluene		<0.00198	0.00198	<0.00198	0.00198							<0.00199	0.00199
Ethylbenzene		<0.00198	0.00198	<0.00198	0.00198							<0.00199	0.00199
m,p-Xylenes		<0.00395	0.00395	<0.00397	0.00397							<0.00398	0.00398
o-Xylene		<0.00198	0.00198	<0.00198	0.00198							<0.00199	0.00199
Total Xylenes		<0.00198	0.00198	<0.00198	0.00198							<0.00199	0.00199
Total BTEX		<0.00198	0.00198	<0.00198	0.00198							<0.00199	0.00199
Chloride by EPA 300 SUB: T104704400-18-16	***Extracted:***	Jul-12-19 16:00		Jul-12-19 16:00		Jul-12-19 16:00		Jul-12-19 16:00		Jul-12-19 16:00		Jul-12-19 16:00	
	Analyzed:	Jul-12-19 17:05		Jul-12-19 17:20		Jul-12-19 17:25		Jul-12-19 17:29		Jul-12-19 17:44		Jul-12-19 17:34	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		13900	100	1980	24.9	516	4.99	183	5.04	53.6	5.00	3500	24.9
TPH By SW8015 Mod SUB: T104704400-18-16	***Extracted:***	Jul-13-19 08:00		Jul-13-19 08:00								Jul-13-19 08:00	
	Analyzed:	Jul-13-19 11:18		Jul-13-19 12:30								Jul-13-19 12:55	
	Units/RL:	mg/kg	RL	mg/kg	RL							mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<15.0	15.0	<14.9	14.9							<15.0	15.0
Diesel Range Organics (DRO)		<15.0	15.0	<14.9	14.9							<15.0	15.0
Motor Oil Range Hydrocarbons (MRO)		<15.0	15.0	<14.9	14.9							<15.0	15.0
Total TPH		<15.0	15.0	<14.9	14.9							<15.0	15.0

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Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 630566

Tetra Tech- Midland, Midland, TX

Project Name: Neptune 202 Lay Flat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea CO, NM

Date Received in Lab: Thu Jul-11-19 11:55 am
Report Date: 16-JUL-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	630566-007		630566-008		630566-009		630566-010		630566-011		630566-012	
	Field Id:	AH2 (1-1.5')		AH2 (2-2.5')		AH2 (3-3.5')		AH2 (4-4.5')		AH3 (0-1')		AH3 (1-1.5')	
	Depth:	1-1.5 ft		2-2.5 ft		3-3.5 ft		4-4.5 ft		0-1 ft		1-1.5 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00	
BTEX by EPA 8021B SUB: T104704400-18-16	***Extracted:***	Jul-12-19 16:35								Jul-12-19 16:35		Jul-12-19 16:35	
	Analyzed:	Jul-14-19 17:14								Jul-14-19 17:37		Jul-14-19 18:00	
	Units/RL:	mg/kg	RL							mg/kg	RL	mg/kg	RL
Benzene		<0.00200	0.00200							<0.00198	0.00198	<0.00200	0.00200
Toluene		<0.00200	0.00200							<0.00198	0.00198	<0.00200	0.00200
Ethylbenzene		<0.00200	0.00200							<0.00198	0.00198	<0.00200	0.00200
m,p-Xylenes		<0.00399	0.00399							<0.00397	0.00397	<0.00400	0.00400
o-Xylene		<0.00200	0.00200							<0.00198	0.00198	<0.00200	0.00200
Total Xylenes		<0.00200	0.00200							<0.00198	0.00198	<0.00200	0.00200
Total BTEX		<0.00200	0.00200							<0.00198	0.00198	<0.00200	0.00200
Chloride by EPA 300 SUB: T104704400-18-16	***Extracted:***	Jul-15-19 09:25		Jul-12-19 16:00		Jul-12-19 16:00		Jul-12-19 16:00		Jul-12-19 16:00		Jul-12-19 16:00	
	Analyzed:	Jul-15-19 13:12		Jul-12-19 17:59		Jul-12-19 18:03		Jul-12-19 18:18		Jul-12-19 18:23		Jul-12-19 18:28	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		1590	25.2	946	4.95	130	4.96	79.0	5.01	1640	25.0	5290	24.8
TPH By SW8015 Mod SUB: T104704400-18-16	***Extracted:***	Jul-13-19 08:00								Jul-13-19 08:00		Jul-13-19 08:00	
	Analyzed:	Jul-13-19 13:19								Jul-13-19 13:44		Jul-13-19 14:08	
	Units/RL:	mg/kg	RL							mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<15.0	15.0							<15.0	15.0	<14.9	14.9
Diesel Range Organics (DRO)		<15.0	15.0							<15.0	15.0	<14.9	14.9
Motor Oil Range Hydrocarbons (MRO)		<15.0	15.0							<15.0	15.0	<14.9	14.9
Total TPH		<15.0	15.0							<15.0	15.0	<14.9	14.9

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Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 630566

Tetra Tech- Midland, Midland, TX

Project Name: Neptune 202 Lay Flat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea CO, NM

Date Received in Lab: Thu Jul-11-19 11:55 am
Report Date: 16-JUL-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	630566-013		630566-014		630566-015		630566-016		630566-017		630566-018	
	Field Id:	AH3 (2-2.5')		AH3 (3-3.5')		AH4 (0-1')		AH4 (1-1.5')		AH4 (2-2.5')		AH4 (3-3.5')	
	Depth:	2-2.5 ft		3-3.5 ft		0-1 ft		1-1.5 ft		2-2.5 ft		3-3.5 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00	
BTEX by EPA 8021B SUB: T104704400-18-16	***Extracted:***					Jul-12-19 16:35		Jul-12-19 16:35					
	Analyzed:					Jul-14-19 18:23		Jul-14-19 18:46					
	Units/RL:					mg/kg	RL	mg/kg	RL				
Benzene						<0.00198	0.00198	<0.00198	0.00198				
Toluene						<0.00198	0.00198	<0.00198	0.00198				
Ethylbenzene						<0.00198	0.00198	<0.00198	0.00198				
m,p-Xylenes						<0.00397	0.00397	<0.00395	0.00395				
o-Xylene						<0.00198	0.00198	<0.00198	0.00198				
Total Xylenes						<0.00198	0.00198	<0.00198	0.00198				
Total BTEX						<0.00198	0.00198	<0.00198	0.00198				
Chloride by EPA 300 SUB: T104704400-18-16	***Extracted:***	Jul-12-19 16:00		Jul-12-19 16:00		Jul-12-19 16:00		Jul-12-19 16:00		Jul-15-19 09:25		Jul-15-19 09:25	
	Analyzed:	Jul-12-19 18:32		Jul-12-19 18:37		Jul-12-19 18:42		Jul-12-19 18:47		Jul-15-19 10:18		Jul-15-19 09:57	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		4740	24.8	885	4.95	7980	50.3	7470	49.6	4840	25.3	889	5.05
TPH By SW8015 Mod SUB: T104704400-18-16	***Extracted:***					Jul-13-19 08:00		Jul-13-19 08:00					
	Analyzed:					Jul-13-19 14:32		Jul-13-19 14:57					
	Units/RL:					mg/kg	RL	mg/kg	RL				
Gasoline Range Hydrocarbons (GRO)						<15.0	15.0	<15.0	15.0				
Diesel Range Organics (DRO)						<15.0	15.0	<15.0	15.0				
Motor Oil Range Hydrocarbons (MRO)						<15.0	15.0	<15.0	15.0				
Total TPH						<15.0	15.0	<15.0	15.0				

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Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 630566

Tetra Tech- Midland, Midland, TX

Project Name: Neptune 202 Lay Flat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea CO, NM

Date Received in Lab: Thu Jul-11-19 11:55 am
Report Date: 16-JUL-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	630566-019		630566-020		630566-021		630566-022		630566-023		630566-024	
	Field Id:	AH5 (0-1')		AH5 (1-1.5')		AH6 (0-1')		AH6 (1-1.5')		AH7 (0-1')		AH7 (1-1.5')	
	Depth:	0-1 ft		1-1.5 ft		0-1 ft		1-1.5 ft		0-1 ft		1-1.5 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00	
BTEX by EPA 8021B SUB: T104704400-18-16	***Extracted:***	Jul-13-19 15:05		Jul-13-19 15:05		Jul-13-19 15:05		Jul-13-19 15:05		Jul-13-19 15:05		Jul-13-19 15:05	
	Analyzed:	Jul-15-19 12:47		Jul-15-19 13:10		Jul-15-19 13:33		Jul-15-19 13:56		Jul-15-19 14:20		Jul-15-19 14:43	
	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	<0.00198	0.00198	<0.00199	0.00199	<0.00196	0.00196
Toluene		<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199	<0.00196	0.00196
Ethylbenzene		<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199	<0.00196	0.00196
m,p-Xylenes		<0.00398	0.00398	<0.00397	0.00397	<0.00396	0.00396	<0.00395	0.00395	<0.00398	0.00398	<0.00393	0.00393
o-Xylene		<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199	<0.00196	0.00196
Total Xylenes		<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199	<0.00196	0.00196
Total BTEX		<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199	<0.00196	0.00196
Chloride by EPA 300 SUB: T104704400-18-16	***Extracted:***	Jul-15-19 09:25		Jul-15-19 09:25		Jul-15-19 09:25		Jul-15-19 09:25		Jul-15-19 09:25		Jul-15-19 09:25	
	Analyzed:	Jul-15-19 10:26		Jul-15-19 10:33		Jul-15-19 10:40		Jul-15-19 11:02		Jul-15-19 11:09		Jul-15-19 11:16	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		4450	25.0	5700	50.2	4640	24.8	1400	25.0	4480	25.0	3290	25.0
TPH By SW8015 Mod SUB: T104704400-18-16	***Extracted:***	Jul-13-19 08:00		Jul-13-19 08:00		Jul-13-19 08:00		Jul-13-19 08:00		Jul-13-19 08:00		Jul-13-19 08:00	
	Analyzed:	Jul-13-19 15:21		Jul-13-19 15:46		Jul-13-19 16:35		Jul-13-19 17:00		Jul-13-19 17:24		Jul-13-19 17:49	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<15.0	15.0	<15.0	15.0	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0
Diesel Range Organics (DRO)		<15.0	15.0	<15.0	15.0	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0
Motor Oil Range Hydrocarbons (MRO)		<15.0	15.0	<15.0	15.0	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0
Total TPH		<15.0	15.0	<15.0	15.0	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0

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Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 630566

Tetra Tech- Midland, Midland, TX

Project Name: Neptune 202 Lay Flat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea CO, NM

Date Received in Lab: Thu Jul-11-19 11:55 am
Report Date: 16-JUL-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	630566-025		630566-026		630566-027		630566-028		630566-029		630566-030	
	Field Id:	AH8 (0-1')		AH8 (1-1.5')		AH8 (2-2.5')		AH9 (0-1')		AH10 (0-1')		AH10 (1-1.5')	
	Depth:	0-1 ft		1-1.5 ft		2-2.5 ft		0-1 ft		0-1 ft		1-1.5 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00	
BTEX by EPA 8021B SUB: T104704400-18-16	***Extracted:***	Jul-13-19 15:05		Jul-13-19 15:05				Jul-13-19 15:05		Jul-13-19 15:05		Jul-13-19 15:05	
	Analyzed:	Jul-15-19 15:06		Jul-15-19 15:29				Jul-16-19 10:56		Jul-16-19 11:19		Jul-16-19 11:42	
	Units/RL:	mg/kg	RL	mg/kg	RL			mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00198	0.00198	<0.00198	0.00198			<0.00197	0.00197	<0.00198	0.00198	<0.00200	0.00200
Toluene		<0.00198	0.00198	<0.00198	0.00198			<0.00197	0.00197	<0.00198	0.00198	<0.00200	0.00200
Ethylbenzene		<0.00198	0.00198	<0.00198	0.00198			<0.00197	0.00197	<0.00198	0.00198	<0.00200	0.00200
m,p-Xylenes		<0.00397	0.00397	<0.00396	0.00396			<0.00394	0.00394	<0.00397	0.00397	<0.00399	0.00399
o-Xylene		<0.00198	0.00198	<0.00198	0.00198			<0.00197	0.00197	<0.00198	0.00198	<0.00200	0.00200
Total Xylenes		<0.00198	0.00198	<0.00198	0.00198			<0.00197	0.00197	<0.00198	0.00198	<0.00200	0.00200
Total BTEX		<0.00198	0.00198	<0.00198	0.00198			<0.00197	0.00197	<0.00198	0.00198	<0.00200	0.00200
Chloride by EPA 300 SUB: T104704400-18-16	***Extracted:***	Jul-15-19 09:25		Jul-15-19 09:25		Jul-15-19 09:25		Jul-15-19 09:25		Jul-15-19 09:25		Jul-15-19 09:25	
	Analyzed:	Jul-15-19 11:24		Jul-15-19 11:31		Jul-15-19 12:00		Jul-15-19 12:07		Jul-15-19 12:29		Jul-15-19 12:36	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		3600	25.0	5450	50.3	4500	25.1	4360	24.8	4990	25.0	5200	24.9
TPH By SW8015 Mod SUB: T104704400-18-16	***Extracted:***	Jul-13-19 08:00		Jul-13-19 08:00				Jul-13-19 08:00		Jul-13-19 08:00		Jul-13-19 08:00	
	Analyzed:	Jul-13-19 18:13		Jul-13-19 18:38				Jul-13-19 19:02		Jul-13-19 19:27		Jul-13-19 19:51	
	Units/RL:	mg/kg	RL	mg/kg	RL			mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<14.9	14.9	<15.0	15.0			<15.0	15.0	<15.0	15.0	<15.0	15.0
Diesel Range Organics (DRO)		<14.9	14.9	<15.0	15.0			<15.0	15.0	<15.0	15.0	<15.0	15.0
Motor Oil Range Hydrocarbons (MRO)		<14.9	14.9	<15.0	15.0			<15.0	15.0	<15.0	15.0	<15.0	15.0
Total TPH		<14.9	14.9	<15.0	15.0			<15.0	15.0	<15.0	15.0	<15.0	15.0

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Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 630566

Tetra Tech- Midland, Midland, TX

Project Name: Neptune 202 Lay Flat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea CO, NM

Date Received in Lab: Thu Jul-11-19 11:55 am
Report Date: 16-JUL-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	630566-031		630566-032		630566-033		630566-034		630566-035		630566-036	
	Field Id:	AH11 (0-1')		AH11 (1-1.5')		AH12 (0-1')		AH12 (1-1.5')		AH13 (0-1')		AH13 (1-1.5')	
	Depth:	0-1 ft		1-1.5 ft		0-1 ft		1-1.5 ft		0-1 ft		1-1.5 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00	
BTEX by EPA 8021B SUB: T104704400-18-16	***Extracted:***	Jul-13-19 15:05		Jul-13-19 15:05		Jul-13-19 15:05		Jul-13-19 15:05		Jul-13-19 15:05		Jul-13-19 15:05	
	Analyzed:	Jul-16-19 12:06		Jul-16-19 12:29		Jul-16-19 12:52		Jul-16-19 14:08		Jul-16-19 14:32		Jul-16-19 14:55	
	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		<0.00401	0.00401	<0.00398	0.00398	<0.00395	0.00395	<0.00401	0.00401	<0.00399	0.00399	<0.00400	0.00400
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
Chloride by EPA 300 SUB: T104704400-18-16	***Extracted:***	Jul-15-19 09:25		Jul-15-19 09:25		Jul-15-19 11:00		Jul-15-19 11:00		Jul-15-19 11:00		Jul-15-19 11:00	
	Analyzed:	Jul-15-19 12:43		Jul-15-19 12:51		Jul-15-19 14:34		Jul-15-19 14:41		Jul-15-19 14:48		Jul-15-19 14:56	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		6250	49.9	5160	25.1	4710	25.0	2860	25.0	6320	50.1	8520	50.1
TPH By SW8015 Mod SUB: T104704400-18-16	***Extracted:***	Jul-13-19 08:00		Jul-13-19 10:00		Jul-13-19 10:00		Jul-13-19 10:00		Jul-13-19 10:00		Jul-13-19 10:00	
	Analyzed:	Jul-13-19 20:16		Jul-13-19 22:17		Jul-13-19 23:29		Jul-13-19 23:53		Jul-14-19 00:17		Jul-14-19 00:41	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<15.0	15.0	<15.0	15.0	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0
Diesel Range Organics (DRO)		<15.0	15.0	<15.0	15.0	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0
Motor Oil Range Hydrocarbons (MRO)		<15.0	15.0	<15.0	15.0	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0
Total TPH		<15.0	15.0	<15.0	15.0	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0

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Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 630566

Tetra Tech- Midland, Midland, TX

Project Name: Neptune 202 Lay Flat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea CO, NM

Date Received in Lab: Thu Jul-11-19 11:55 am
Report Date: 16-JUL-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	630566-037		630566-038		630566-039		630566-040		630566-041		630566-042	
	Field Id:	AH14 (0-1')		AH14 (1-1.5')		AH15 (0-1')		AH15 (1-1.5')		AH16 (0-1')		AH16 (1-1.5')	
	Depth:	0-1 ft		1-1.5 ft		0-1 ft		1-1.5 ft		0-1 ft		1-1.5 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00		Jul-10-19 00:00	
BTEX by EPA 8021B SUB: T104704400-18-16	***Extracted:***	Jul-13-19 15:05		Jul-13-19 15:05		Jul-13-19 15:20		Jul-13-19 15:20		Jul-13-19 15:20		Jul-13-19 15:20	
	Analyzed:	Jul-16-19 15:18		Jul-16-19 15:41		Jul-15-19 12:32		Jul-15-19 12:54		Jul-16-19 10:59		Jul-15-19 01:38	
	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	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00197	0.00197	<0.00198	0.00198
Toluene		<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00197	0.00197	<0.00198	0.00198
Ethylbenzene		<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00197	0.00197	<0.00198	0.00198
m,p-Xylenes		<0.00399	0.00399	<0.00396	0.00396	<0.00398	0.00398	<0.00395	0.00395	<0.00394	0.00394	<0.00397	0.00397
o-Xylene		<0.00200	0.00200	<0.00198	0.00198	0.0716	0.00199	<0.00198	0.00198	<0.00197	0.00197	<0.00198	0.00198
Total Xylenes		<0.00200	0.00200	<0.00198	0.00198	0.0716	0.00199	<0.00198	0.00198	<0.00197	0.00197	<0.00198	0.00198
Total BTEX		<0.00200	0.00200	<0.00198	0.00198	0.0716	0.00199	<0.00198	0.00198	<0.00197	0.00197	<0.00198	0.00198
Chloride by EPA 300 SUB: T104704400-18-16	***Extracted:***	Jul-15-19 11:00		Jul-15-19 11:00		Jul-15-19 11:00		Jul-15-19 11:00		Jul-15-19 11:00		Jul-15-19 11:00	
	Analyzed:	Jul-15-19 15:17		Jul-15-19 15:25		Jul-15-19 15:32		Jul-15-19 15:39		Jul-15-19 15:46		Jul-15-19 16:15	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		10200	50.3	6310	49.9	6430	50.0	2250	25.0	3900	25.1	3340	24.9
TPH By SW8015 Mod SUB: T104704400-18-16	***Extracted:***	Jul-13-19 10:00		Jul-13-19 10:00		Jul-13-19 10:00		Jul-13-19 10:00		Jul-13-19 10:00		Jul-13-19 10:00	
	Analyzed:	Jul-14-19 01:04		Jul-14-19 01:28		Jul-14-19 01:52		Jul-14-19 02:16		Jul-14-19 02:40		Jul-14-19 03:28	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<15.0	15.0	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0
Diesel Range Organics (DRO)		<15.0	15.0	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0
Motor Oil Range Hydrocarbons (MRO)		<15.0	15.0	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0
Total TPH		<15.0	15.0	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0

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Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 630566

Tetra Tech- Midland, Midland, TX

Project Name: Neptune 202 Lay Flat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea CO, NM

Date Received in Lab: Thu Jul-11-19 11:55 am
Report Date: 16-JUL-19
Project Manager: Jessica Kramer

Analysis Requested									
	Lab Id:	630566-043		630566-044					
	Field Id:	AH17 (0-1')		AH17 (1-1.5')					
	Depth:	0-1 ft		1-1.5 ft					
	Matrix:	SOIL		SOIL					
	Sampled:	Jul-10-19 00:00		Jul-10-19 00:00					
BTEX by EPA 8021B SUB: T104704400-18-16	***Extracted:***	Jul-13-19 15:20		Jul-13-19 15:20					
	Analyzed:	Jul-15-19 02:00		Jul-15-19 02:22					
	Units/RL:	mg/kg	RL	mg/kg	RL				
Benzene		<0.00200	0.00200	<0.00200	0.00200				
Toluene		<0.00200	0.00200	<0.00200	0.00200				
Ethylbenzene		<0.00200	0.00200	<0.00200	0.00200				
m,p-Xylenes		<0.00399	0.00399	<0.00399	0.00399				
o-Xylene		<0.00200	0.00200	<0.00200	0.00200				
Total Xylenes		<0.00200	0.00200	<0.00200	0.00200				
Total BTEX		<0.00200	0.00200	<0.00200	0.00200				
Chloride by EPA 300 SUB: T104704400-18-16	***Extracted:***	Jul-15-19 09:25		Jul-15-19 11:00					
	Analyzed:	Jul-15-19 11:38		Jul-15-19 16:23					
	Units/RL:	mg/kg	RL	mg/kg	RL				
Chloride		486	4.99	1810	24.8				
TPH By SW8015 Mod SUB: T104704400-18-16	***Extracted:***	Jul-13-19 10:00		Jul-13-19 10:00					
	Analyzed:	Jul-14-19 03:52		Jul-14-19 04:16					
	Units/RL:	mg/kg	RL	mg/kg	RL				
Gasoline Range Hydrocarbons (GRO)		<15.0	15.0	<15.0	15.0				
Diesel Range Organics (DRO)		<15.0	15.0	<15.0	15.0				
Motor Oil Range Hydrocarbons (MRO)		<15.0	15.0	<15.0	15.0				
Total TPH		<15.0	15.0	<15.0	15.0				

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Jessica Kramer
Project Assistant

Final 1.000

Analytical Report 630566

for

Tetra Tech- Midland

Project Manager: Mike Carmona

Neptune 202 Lay Flat Release

212C-MD-01841

16-JUL-19

Collected By: Client

1089 N Canal Street
Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-29), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-19-19), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-18-14)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-20)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-18-18)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-18-4)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Atlanta (LELAP Lab ID #04176)
Xenco-Tampa: Florida (E87429), North Carolina (483)

16-JUL-19

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

Reference: XENCO Report No(s): **630566**
Neptune 202 Lay Flat Release
Project Address: Lea CO, 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 XENCO Report Number(s) 630566. 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 XENCO Laboratories. 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. 630566 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 XENCO Laboratories 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 Assistant

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Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America

Sample Cross Reference 630566

Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
AH1 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-001
AH1 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-002
AH1 (2-2.5')	S	07-10-19 00:00	2 - 2.5 ft	630566-003
AH1 (3-3.5')	S	07-10-19 00:00	3 - 3.5 ft	630566-004
AH1 (4-4.5')	S	07-10-19 00:00	4 - 4.5 ft	630566-005
AH2 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-006
AH2 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-007
AH2 (2-2.5')	S	07-10-19 00:00	2 - 2.5 ft	630566-008
AH2 (3-3.5')	S	07-10-19 00:00	3 - 3.5 ft	630566-009
AH2 (4-4.5')	S	07-10-19 00:00	4 - 4.5 ft	630566-010
AH3 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-011
AH3 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-012
AH3 (2-2.5')	S	07-10-19 00:00	2 - 2.5 ft	630566-013
AH3 (3-3.5')	S	07-10-19 00:00	3 - 3.5 ft	630566-014
AH4 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-015
AH4 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-016
AH4 (2-2.5')	S	07-10-19 00:00	2 - 2.5 ft	630566-017
AH4 (3-3.5')	S	07-10-19 00:00	3 - 3.5 ft	630566-018
AH5 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-019
AH5 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-020
AH6 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-021
AH6 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-022
AH7 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-023
AH7 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-024
AH8 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-025
AH8 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-026
AH8 (2-2.5')	S	07-10-19 00:00	2 - 2.5 ft	630566-027
AH9 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-028
AH10 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-029
AH10 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-030
AH11 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-031
AH11 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-032
AH12 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-033
AH12 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-034
AH13 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-035
AH13 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-036
AH14 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-037
AH14 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-038
AH15 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-039
AH15 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-040
AH16 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-041
AH16 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-042
AH17 (0-1')	S	07-10-19 00:00	0 - 1 ft	630566-043

Sample Cross Reference 630566

Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

AH17 (1-1.5')	S	07-10-19 00:00	1 - 1.5 ft	630566-044

CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: Neptune 202 Lay Flat Release

Project ID: *212C-MD-01841*
Work Order Number(s): *630566*

Report Date: *16-JUL-19*
Date Received: *07/11/2019*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3095354 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3095413 Chloride by EPA 300
Lab Sample ID 630566-043 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 630566-007, -017, -018, -019, -020, -021, -022, -023, -024, -025, -026, -027, -028, -029, -030, -031, -032, -043.
The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3095520 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.
Lab Sample ID 630566-039 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 630566-039, -040, -041, -042, -043, -044.
The Laboratory Control Sample for o-Xylene is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3095521 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Certificate of Analytical Results 630566

Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH1 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-001	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.12.19 16.00	Basis:	Wet Weight
Seq Number:	3095272			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**13900**	100	mg/kg	07.12.19 17.05		20

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 11.18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 11.18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 11.18	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 11.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-135	07.13.19 11.18	
o-Terphenyl	84-15-1	117	%	70-135	07.13.19 11.18	

Certificate of Analytical Results 630566

Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH1 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-001	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	ALG			% Moisture:	
Analyst:	AMB	Date Prep:	07.12.19 16.35	Basis:	Wet Weight
Seq Number:	3095354			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.14.19 16.04	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.14.19 16.04	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.14.19 16.04	U	1
m,p-Xylenes	179601-23-1	<0.00395	0.00395	mg/kg	07.14.19 16.04	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.14.19 16.04	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.14.19 16.04	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.14.19 16.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	94	%	70-130	07.14.19 16.04	
4-Bromofluorobenzene	460-00-4	113	%	70-130	07.14.19 16.04	

Certificate of Analytical Results 630566

Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH1 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-002	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.12.19 16.00	Basis:	Wet Weight
Seq Number:	3095272			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1980**	24.9	mg/kg	07.12.19 17.20		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	14.9	mg/kg	07.13.19 12.30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<14.9	14.9	mg/kg	07.13.19 12.30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<14.9	14.9	mg/kg	07.13.19 12.30	U	1
Total TPH	PHC635	<14.9	14.9	mg/kg	07.13.19 12.30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	07.13.19 12.30	
o-Terphenyl	84-15-1	92	%	70-135	07.13.19 12.30	

Certificate of Analytical Results 630566

Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH1 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-002	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	ALG			% Moisture:	
Analyst:	AMB	Date Prep:	07.12.19 16.35	Basis:	Wet Weight
Seq Number:	3095354			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.14.19 16.27	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.14.19 16.27	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.14.19 16.27	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	07.14.19 16.27	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.14.19 16.27	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.14.19 16.27	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.14.19 16.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	07.14.19 16.27	
1,4-Difluorobenzene	540-36-3	90	%	70-130	07.14.19 16.27	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH1 (2-2.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-003	Date Collected:	07.10.19 00.00	Sample Depth:	2 - 2.5 ft
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.12.19 16.00	Basis:	Wet Weight
Seq Number:	3095272			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**516**	4.99	mg/kg	07.12.19 17.25		1

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH1 (3-3.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-004	Date Collected:	07.10.19 00.00	Sample Depth:	3 - 3.5 ft
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.12.19 16.00	Basis:	Wet Weight
Seq Number:	3095272			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**183**	5.04	mg/kg	07.12.19 17.29		1

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH1 (4-4.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-005	Date Collected:	07.10.19 00.00	Sample Depth:	4 - 4.5 ft
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.12.19 16.00	Basis:	Wet Weight
Seq Number:	3095272			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**53.6**	5.00	mg/kg	07.12.19 17.44		1

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH2 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-006	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.12.19 16.00	Basis:	Wet Weight
Seq Number:	3095272			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**3500**	24.9	mg/kg	07.12.19 17.34		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 12.55	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 12.55	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 12.55	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 12.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	07.13.19 12.55	
o-Terphenyl	84-15-1	93	%	70-135	07.13.19 12.55	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH2 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-006	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	ALG			% Moisture:	
Analyst:	AMB	Date Prep:	07.12.19 16.35	Basis:	Wet Weight
Seq Number:	3095354			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	07.14.19 16.50	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	07.14.19 16.50	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	07.14.19 16.50	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	07.14.19 16.50	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	07.14.19 16.50	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	07.14.19 16.50	U	1
Total BTEX		<0.00199	0.00199	mg/kg	07.14.19 16.50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	89	%	70-130	07.14.19 16.50	
4-Bromofluorobenzene	460-00-4	107	%	70-130	07.14.19 16.50	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH2 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-007	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1590**	25.2	mg/kg	07.15.19 13.12		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 13.19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 13.19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 13.19	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 13.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-135	07.13.19 13.19	
o-Terphenyl	84-15-1	103	%	70-135	07.13.19 13.19	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH2 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-007	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	ALG			% Moisture:	
Analyst:	AMB	Date Prep:	07.12.19 16.35	Basis:	Wet Weight
Seq Number:	3095354			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	07.14.19 17.14	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	07.14.19 17.14	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	07.14.19 17.14	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	07.14.19 17.14	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	07.14.19 17.14	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	07.14.19 17.14	U	1
Total BTEX		<0.00200	0.00200	mg/kg	07.14.19 17.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	88	%	70-130	07.14.19 17.14	
4-Bromofluorobenzene	460-00-4	111	%	70-130	07.14.19 17.14	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH2 (2-2.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-008	Date Collected:	07.10.19 00.00	Sample Depth:	2 - 2.5 ft
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.12.19 16.00	Basis:	Wet Weight
Seq Number:	3095272			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**946**	4.95	mg/kg	07.12.19 17.59		1

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH2 (3-3.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-009	Date Collected:	07.10.19 00.00	Sample Depth:	3 - 3.5 ft
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.12.19 16.00	Basis:	Wet Weight
Seq Number:	3095272			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**130**	4.96	mg/kg	07.12.19 18.03		1

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH2 (4-4.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-010	Date Collected:	07.10.19 00.00	Sample Depth:	4 - 4.5 ft
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.12.19 16.00	Basis:	Wet Weight
Seq Number:	3095272			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**79.0**	5.01	mg/kg	07.12.19 18.18		1

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH3 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-011	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.12.19 16.00	Basis:	Wet Weight
Seq Number:	3095272			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1640**	25.0	mg/kg	07.12.19 18.23		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 13.44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 13.44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 13.44	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 13.44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-135	07.13.19 13.44	
o-Terphenyl	84-15-1	104	%	70-135	07.13.19 13.44	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH3 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-011	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	ALG			% Moisture:	
Analyst:	AMB	Date Prep:	07.12.19 16.35	Basis:	Wet Weight
Seq Number:	3095354			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.14.19 17.37	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.14.19 17.37	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.14.19 17.37	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	07.14.19 17.37	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.14.19 17.37	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.14.19 17.37	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.14.19 17.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	70-130	07.14.19 17.37	
1,4-Difluorobenzene	540-36-3	90	%	70-130	07.14.19 17.37	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH3 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-012	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.12.19 16.00	Basis:	Wet Weight
Seq Number:	3095272			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**5290**	24.8	mg/kg	07.12.19 18.28		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	14.9	mg/kg	07.13.19 14.08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<14.9	14.9	mg/kg	07.13.19 14.08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<14.9	14.9	mg/kg	07.13.19 14.08	U	1
Total TPH	PHC635	<14.9	14.9	mg/kg	07.13.19 14.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	07.13.19 14.08	
o-Terphenyl	84-15-1	94	%	70-135	07.13.19 14.08	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH3 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-012	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	ALG			% Moisture:	
Analyst:	AMB	Date Prep:	07.12.19 16.35	Basis:	Wet Weight
Seq Number:	3095354			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	07.14.19 18.00	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	07.14.19 18.00	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	07.14.19 18.00	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	07.14.19 18.00	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	07.14.19 18.00	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	07.14.19 18.00	U	1
Total BTEX		<0.00200	0.00200	mg/kg	07.14.19 18.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	108	%	70-130	07.14.19 18.00	
1,4-Difluorobenzene	540-36-3	90	%	70-130	07.14.19 18.00	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH3 (2-2.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-013	Date Collected:	07.10.19 00.00	Sample Depth:	2 - 2.5 ft
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.12.19 16.00	Basis:	Wet Weight
Seq Number:	3095272			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**4740**	24.8	mg/kg	07.12.19 18.32		5

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH3 (3-3.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-014	Date Collected:	07.10.19 00.00	Sample Depth:	3 - 3.5 ft
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.12.19 16.00	Basis:	Wet Weight
Seq Number:	3095272			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**885**	4.95	mg/kg	07.12.19 18.37		1

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH4 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-015	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.12.19 16.00	Basis:	Wet Weight
Seq Number:	3095272			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**7980**	50.3	mg/kg	07.12.19 18.42		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 14.32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 14.32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 14.32	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 14.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	07.13.19 14.32	
o-Terphenyl	84-15-1	91	%	70-135	07.13.19 14.32	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH4 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-015	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	ALG			% Moisture:	
Analyst:	AMB	Date Prep:	07.12.19 16.35	Basis:	Wet Weight
Seq Number:	3095354			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.14.19 18.23	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.14.19 18.23	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.14.19 18.23	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	07.14.19 18.23	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.14.19 18.23	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.14.19 18.23	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.14.19 18.23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	70-130	07.14.19 18.23	
1,4-Difluorobenzene	540-36-3	88	%	70-130	07.14.19 18.23	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH4 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-016	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.12.19 16.00	Basis:	Wet Weight
Seq Number:	3095272			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**7470**	49.6	mg/kg	07.12.19 18.47		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 14.57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 14.57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 14.57	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 14.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-135	07.13.19 14.57	
o-Terphenyl	84-15-1	90	%	70-135	07.13.19 14.57	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH4 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-016	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	ALG			% Moisture:	
Analyst:	AMB	Date Prep:	07.12.19 16.35	Basis:	Wet Weight
Seq Number:	3095354			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.14.19 18.46	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.14.19 18.46	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.14.19 18.46	U	1
m,p-Xylenes	179601-23-1	<0.00395	0.00395	mg/kg	07.14.19 18.46	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.14.19 18.46	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.14.19 18.46	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.14.19 18.46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	109	%	70-130	07.14.19 18.46	
1,4-Difluorobenzene	540-36-3	88	%	70-130	07.14.19 18.46	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH4 (2-2.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-017	Date Collected:	07.10.19 00.00	Sample Depth:	2 - 2.5 ft
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**4840**	25.3	mg/kg	07.15.19 10.18		5

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH4 (3-3.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-018	Date Collected:	07.10.19 00.00	Sample Depth:	3 - 3.5 ft
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**889**	5.05	mg/kg	07.15.19 09.57		1

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH5 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-019	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**4450**	25.0	mg/kg	07.15.19 10.26		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 15.21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 15.21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 15.21	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 15.21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	07.13.19 15.21	
o-Terphenyl	84-15-1	93	%	70-135	07.13.19 15.21	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH5 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-019	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	07.15.19 12.47	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	07.15.19 12.47	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	07.15.19 12.47	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	07.15.19 12.47	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	07.15.19 12.47	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	07.15.19 12.47	U	1
Total BTEX		<0.00199	0.00199	mg/kg	07.15.19 12.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	90	%	70-130	07.15.19 12.47	
4-Bromofluorobenzene	460-00-4	111	%	70-130	07.15.19 12.47	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH5 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-020	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**5700**	50.2	mg/kg	07.15.19 10.33		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 15.46	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 15.46	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 15.46	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 15.46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	07.13.19 15.46	
o-Terphenyl	84-15-1	96	%	70-135	07.13.19 15.46	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH5 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-020	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.15.19 13.10	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.15.19 13.10	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.15.19 13.10	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	07.15.19 13.10	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.15.19 13.10	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.15.19 13.10	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.15.19 13.10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	117	%	70-130	07.15.19 13.10	
1,4-Difluorobenzene	540-36-3	86	%	70-130	07.15.19 13.10	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH6 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-021	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**4640**	24.8	mg/kg	07.15.19 10.40		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	14.9	mg/kg	07.13.19 16.35	U	1
Diesel Range Organics (DRO)	C10C28DRO	<14.9	14.9	mg/kg	07.13.19 16.35	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<14.9	14.9	mg/kg	07.13.19 16.35	U	1
Total TPH	PHC635	<14.9	14.9	mg/kg	07.13.19 16.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	109	%	70-135	07.13.19 16.35	
o-Terphenyl	84-15-1	114	%	70-135	07.13.19 16.35	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH6 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-021	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.15.19 13.33	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.15.19 13.33	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.15.19 13.33	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	07.15.19 13.33	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.15.19 13.33	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.15.19 13.33	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.15.19 13.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	109	%	70-130	07.15.19 13.33	
1,4-Difluorobenzene	540-36-3	90	%	70-130	07.15.19 13.33	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH6 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-022	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1400**	25.0	mg/kg	07.15.19 11.02		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 17.00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 17.00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 17.00	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 17.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	07.13.19 17.00	
o-Terphenyl	84-15-1	104	%	70-135	07.13.19 17.00	

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Neptune 202 Lay Flat Release

Sample Id:	**AH6 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-022	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.15.19 13.56	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.15.19 13.56	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.15.19 13.56	U	1
m,p-Xylenes	179601-23-1	<0.00395	0.00395	mg/kg	07.15.19 13.56	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.15.19 13.56	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.15.19 13.56	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.15.19 13.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	110	%	70-130	07.15.19 13.56	
1,4-Difluorobenzene	540-36-3	90	%	70-130	07.15.19 13.56	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH7 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-023	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**4480**	25.0	mg/kg	07.15.19 11.09		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 17.24	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 17.24	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 17.24	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 17.24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	07.13.19 17.24	
o-Terphenyl	84-15-1	98	%	70-135	07.13.19 17.24	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH7 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-023	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	07.15.19 14.20	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	07.15.19 14.20	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	07.15.19 14.20	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	07.15.19 14.20	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	07.15.19 14.20	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	07.15.19 14.20	U	1
Total BTEX		<0.00199	0.00199	mg/kg	07.15.19 14.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	113	%	70-130	07.15.19 14.20	
1,4-Difluorobenzene	540-36-3	90	%	70-130	07.15.19 14.20	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH7 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-024	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**3290**	25.0	mg/kg	07.15.19 11.16		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 17.49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 17.49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 17.49	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 17.49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	07.13.19 17.49	
o-Terphenyl	84-15-1	105	%	70-135	07.13.19 17.49	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH7 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-024	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00196	0.00196	mg/kg	07.15.19 14.43	U	1
Toluene	108-88-3	<0.00196	0.00196	mg/kg	07.15.19 14.43	U	1
Ethylbenzene	100-41-4	<0.00196	0.00196	mg/kg	07.15.19 14.43	U	1
m,p-Xylenes	179601-23-1	<0.00393	0.00393	mg/kg	07.15.19 14.43	U	1
o-Xylene	95-47-6	<0.00196	0.00196	mg/kg	07.15.19 14.43	U	1
Total Xylenes	1330-20-7	<0.00196	0.00196	mg/kg	07.15.19 14.43	U	1
Total BTEX		<0.00196	0.00196	mg/kg	07.15.19 14.43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	91	%	70-130	07.15.19 14.43	
4-Bromofluorobenzene	460-00-4	113	%	70-130	07.15.19 14.43	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH8 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-025	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**3600**	25.0	mg/kg	07.15.19 11.24		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	14.9	mg/kg	07.13.19 18.13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<14.9	14.9	mg/kg	07.13.19 18.13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<14.9	14.9	mg/kg	07.13.19 18.13	U	1
Total TPH	PHC635	<14.9	14.9	mg/kg	07.13.19 18.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	07.13.19 18.13	
o-Terphenyl	84-15-1	95	%	70-135	07.13.19 18.13	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH8 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-025	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.15.19 15.06	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.15.19 15.06	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.15.19 15.06	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	07.15.19 15.06	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.15.19 15.06	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.15.19 15.06	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.15.19 15.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	90	%	70-130	07.15.19 15.06	
4-Bromofluorobenzene	460-00-4	110	%	70-130	07.15.19 15.06	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH8 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-026	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**5450**	50.3	mg/kg	07.15.19 11.31		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 18.38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 18.38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 18.38	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 18.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	07.13.19 18.38	
o-Terphenyl	84-15-1	89	%	70-135	07.13.19 18.38	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH8 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-026	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.15.19 15.29	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.15.19 15.29	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.15.19 15.29	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	07.15.19 15.29	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.15.19 15.29	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.15.19 15.29	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.15.19 15.29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	117	%	70-130	07.15.19 15.29	
1,4-Difluorobenzene	540-36-3	88	%	70-130	07.15.19 15.29	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH8 (2-2.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-027	Date Collected:	07.10.19 00.00	Sample Depth:	2 - 2.5 ft
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**4500**	25.1	mg/kg	07.15.19 12.00		5

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH9 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-028	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**4360**	24.8	mg/kg	07.15.19 12.07		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 19.02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 19.02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 19.02	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 19.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	07.13.19 19.02	
o-Terphenyl	84-15-1	92	%	70-135	07.13.19 19.02	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH9 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-028	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00197	0.00197	mg/kg	07.16.19 10.56	U	1
Toluene	108-88-3	<0.00197	0.00197	mg/kg	07.16.19 10.56	U	1
Ethylbenzene	100-41-4	<0.00197	0.00197	mg/kg	07.16.19 10.56	U	1
m,p-Xylenes	179601-23-1	<0.00394	0.00394	mg/kg	07.16.19 10.56	U	1
o-Xylene	95-47-6	<0.00197	0.00197	mg/kg	07.16.19 10.56	U	1
Total Xylenes	1330-20-7	<0.00197	0.00197	mg/kg	07.16.19 10.56	U	1
Total BTEX		<0.00197	0.00197	mg/kg	07.16.19 10.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	07.16.19 10.56	
1,4-Difluorobenzene	540-36-3	105	%	70-130	07.16.19 10.56	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH10 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-029	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**4990**	25.0	mg/kg	07.15.19 12.29		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 19.27	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 19.27	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 19.27	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 19.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-135	07.13.19 19.27	
o-Terphenyl	84-15-1	97	%	70-135	07.13.19 19.27	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH10 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-029	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.16.19 11.19	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.16.19 11.19	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.16.19 11.19	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	07.16.19 11.19	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.16.19 11.19	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.16.19 11.19	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.16.19 11.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	105	%	70-130	07.16.19 11.19	
4-Bromofluorobenzene	460-00-4	103	%	70-130	07.16.19 11.19	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH10 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-030	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**5200**	24.9	mg/kg	07.15.19 12.36		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 19.51	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 19.51	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 19.51	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 19.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-135	07.13.19 19.51	
o-Terphenyl	84-15-1	96	%	70-135	07.13.19 19.51	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH10 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-030	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	07.16.19 11.42	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	07.16.19 11.42	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	07.16.19 11.42	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	07.16.19 11.42	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	07.16.19 11.42	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	07.16.19 11.42	U	1
Total BTEX		<0.00200	0.00200	mg/kg	07.16.19 11.42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	70-130	07.16.19 11.42	
1,4-Difluorobenzene	540-36-3	107	%	70-130	07.16.19 11.42	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH11 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-031	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**6250**	49.9	mg/kg	07.15.19 12.43		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 08.00	Basis:	Wet Weight
Seq Number:	3095298			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 20.16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 20.16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 20.16	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 20.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-135	07.13.19 20.16	
o-Terphenyl	84-15-1	98	%	70-135	07.13.19 20.16	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH11 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-031	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	07.16.19 12.06	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	07.16.19 12.06	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	07.16.19 12.06	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	07.16.19 12.06	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	07.16.19 12.06	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	07.16.19 12.06	U	1
Total BTEX		<0.00200	0.00200	mg/kg	07.16.19 12.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	113	%	70-130	07.16.19 12.06	
1,4-Difluorobenzene	540-36-3	102	%	70-130	07.16.19 12.06	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH11 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-032	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**5160**	25.1	mg/kg	07.15.19 12.51		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 10.00	Basis:	Wet Weight
Seq Number:	3095299			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 22.17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 22.17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 22.17	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 22.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	114	%	70-135	07.13.19 22.17	
o-Terphenyl	84-15-1	108	%	70-135	07.13.19 22.17	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH11 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-032	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	07.16.19 12.29	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	07.16.19 12.29	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	07.16.19 12.29	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	07.16.19 12.29	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	07.16.19 12.29	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	07.16.19 12.29	U	1
Total BTEX		<0.00199	0.00199	mg/kg	07.16.19 12.29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	103	%	70-130	07.16.19 12.29	
1,4-Difluorobenzene	540-36-3	105	%	70-130	07.16.19 12.29	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH12 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-033	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 11.00	Basis:	Wet Weight
Seq Number:	3095416			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**4710**	25.0	mg/kg	07.15.19 14.34		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 10.00	Basis:	Wet Weight
Seq Number:	3095299			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	14.9	mg/kg	07.13.19 23.29	U	1
Diesel Range Organics (DRO)	C10C28DRO	<14.9	14.9	mg/kg	07.13.19 23.29	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<14.9	14.9	mg/kg	07.13.19 23.29	U	1
Total TPH	PHC635	<14.9	14.9	mg/kg	07.13.19 23.29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-135	07.13.19 23.29	
o-Terphenyl	84-15-1	106	%	70-135	07.13.19 23.29	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH12 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-033	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.16.19 12.52	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.16.19 12.52	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.16.19 12.52	U	1
m,p-Xylenes	179601-23-1	<0.00395	0.00395	mg/kg	07.16.19 12.52	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.16.19 12.52	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.16.19 12.52	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.16.19 12.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	70-130	07.16.19 12.52	
1,4-Difluorobenzene	540-36-3	109	%	70-130	07.16.19 12.52	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH12 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-034	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 11.00	Basis:	Wet Weight
Seq Number:	3095416			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2860**	25.0	mg/kg	07.15.19 14.41		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 10.00	Basis:	Wet Weight
Seq Number:	3095299			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.13.19 23.53	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.13.19 23.53	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.13.19 23.53	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.13.19 23.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	109	%	70-135	07.13.19 23.53	
o-Terphenyl	84-15-1	103	%	70-135	07.13.19 23.53	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH12 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-034	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	07.16.19 14.08	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	07.16.19 14.08	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	07.16.19 14.08	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	07.16.19 14.08	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	07.16.19 14.08	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	07.16.19 14.08	U	1
Total BTEX		<0.00200	0.00200	mg/kg	07.16.19 14.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	98	%	70-130	07.16.19 14.08	
1,4-Difluorobenzene	540-36-3	108	%	70-130	07.16.19 14.08	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH13 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-035	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 11.00	Basis:	Wet Weight
Seq Number:	3095416			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**6320**	50.1	mg/kg	07.15.19 14.48		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 10.00	Basis:	Wet Weight
Seq Number:	3095299			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.14.19 00.17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.14.19 00.17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.14.19 00.17	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.14.19 00.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	07.14.19 00.17	
o-Terphenyl	84-15-1	99	%	70-135	07.14.19 00.17	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH13 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-035	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	07.16.19 14.32	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	07.16.19 14.32	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	07.16.19 14.32	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	07.16.19 14.32	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	07.16.19 14.32	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	07.16.19 14.32	U	1
Total BTEX		<0.00200	0.00200	mg/kg	07.16.19 14.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	100	%	70-130	07.16.19 14.32	
1,4-Difluorobenzene	540-36-3	105	%	70-130	07.16.19 14.32	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH13 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-036	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 11.00	Basis:	Wet Weight
Seq Number:	3095416			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8520**	50.1	mg/kg	07.15.19 14.56		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 10.00	Basis:	Wet Weight
Seq Number:	3095299			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.14.19 00.41	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.14.19 00.41	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.14.19 00.41	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.14.19 00.41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-135	07.14.19 00.41	
o-Terphenyl	84-15-1	99	%	70-135	07.14.19 00.41	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH13 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-036	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	07.16.19 14.55	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	07.16.19 14.55	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	07.16.19 14.55	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	07.16.19 14.55	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	07.16.19 14.55	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	07.16.19 14.55	U	1
Total BTEX		<0.00200	0.00200	mg/kg	07.16.19 14.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	07.16.19 14.55	
1,4-Difluorobenzene	540-36-3	108	%	70-130	07.16.19 14.55	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH14 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-037	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 11.00	Basis:	Wet Weight
Seq Number:	3095416			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**10200**	50.3	mg/kg	07.15.19 15.17		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 10.00	Basis:	Wet Weight
Seq Number:	3095299			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.14.19 01.04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.14.19 01.04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.14.19 01.04	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.14.19 01.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	07.14.19 01.04	
o-Terphenyl	84-15-1	100	%	70-135	07.14.19 01.04	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH14 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-037	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	07.16.19 15.18	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	07.16.19 15.18	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	07.16.19 15.18	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	07.16.19 15.18	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	07.16.19 15.18	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	07.16.19 15.18	U	1
Total BTEX		<0.00200	0.00200	mg/kg	07.16.19 15.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	106	%	70-130	07.16.19 15.18	
4-Bromofluorobenzene	460-00-4	103	%	70-130	07.16.19 15.18	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH14 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-038	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 11.00	Basis:	Wet Weight
Seq Number:	3095416			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**6310**	49.9	mg/kg	07.15.19 15.25		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 10.00	Basis:	Wet Weight
Seq Number:	3095299			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	14.9	mg/kg	07.14.19 01.28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<14.9	14.9	mg/kg	07.14.19 01.28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<14.9	14.9	mg/kg	07.14.19 01.28	U	1
Total TPH	PHC635	<14.9	14.9	mg/kg	07.14.19 01.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-135	07.14.19 01.28	
o-Terphenyl	84-15-1	103	%	70-135	07.14.19 01.28	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH14 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-038	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.05	Basis:	Wet Weight
Seq Number:	3095521			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.16.19 15.41	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.16.19 15.41	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.16.19 15.41	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	07.16.19 15.41	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.16.19 15.41	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.16.19 15.41	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.16.19 15.41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	07.16.19 15.41	
1,4-Difluorobenzene	540-36-3	106	%	70-130	07.16.19 15.41	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH15 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-039	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 11.00	Basis:	Wet Weight
Seq Number:	3095416			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**6430**	50.0	mg/kg	07.15.19 15.32		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 10.00	Basis:	Wet Weight
Seq Number:	3095299			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.14.19 01.52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.14.19 01.52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.14.19 01.52	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.14.19 01.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-135	07.14.19 01.52	
o-Terphenyl	84-15-1	105	%	70-135	07.14.19 01.52	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH15 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-039	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.20	Basis:	Wet Weight
Seq Number:	3095520			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	07.15.19 12.32	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	07.15.19 12.32	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	07.15.19 12.32	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	07.15.19 12.32	U	1
o-Xylene	95-47-6	**0.0716**	0.00199	mg/kg	07.15.19 12.32		1
Total Xylenes	1330-20-7	**0.0716**	0.00199	mg/kg	07.15.19 12.32		1
Total BTEX		**0.0716**	0.00199	mg/kg	07.15.19 12.32		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	70-130	07.15.19 12.32	
1,4-Difluorobenzene	540-36-3	94	%	70-130	07.15.19 12.32	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH15 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-040	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 11.00	Basis:	Wet Weight
Seq Number:	3095416			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2250**	25.0	mg/kg	07.15.19 15.39		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 10.00	Basis:	Wet Weight
Seq Number:	3095299			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.14.19 02.16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.14.19 02.16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.14.19 02.16	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.14.19 02.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	07.14.19 02.16	
o-Terphenyl	84-15-1	92	%	70-135	07.14.19 02.16	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH15 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-040	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.20	Basis:	Wet Weight
Seq Number:	3095520			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.15.19 12.54	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.15.19 12.54	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.15.19 12.54	U	1
m,p-Xylenes	179601-23-1	<0.00395	0.00395	mg/kg	07.15.19 12.54	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.15.19 12.54	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.15.19 12.54	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.15.19 12.54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	07.15.19 12.54	
4-Bromofluorobenzene	460-00-4	109	%	70-130	07.15.19 12.54	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH16 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-041	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 11.00	Basis:	Wet Weight
Seq Number:	3095416			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**3900**	25.1	mg/kg	07.15.19 15.46		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 10.00	Basis:	Wet Weight
Seq Number:	3095299			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.14.19 02.40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.14.19 02.40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.14.19 02.40	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.14.19 02.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	07.14.19 02.40	
o-Terphenyl	84-15-1	104	%	70-135	07.14.19 02.40	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH16 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-041	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.20	Basis:	Wet Weight
Seq Number:	3095520			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00197	0.00197	mg/kg	07.16.19 10.59	U	1
Toluene	108-88-3	<0.00197	0.00197	mg/kg	07.16.19 10.59	U	1
Ethylbenzene	100-41-4	<0.00197	0.00197	mg/kg	07.16.19 10.59	U	1
m,p-Xylenes	179601-23-1	<0.00394	0.00394	mg/kg	07.16.19 10.59	U	1
o-Xylene	95-47-6	<0.00197	0.00197	mg/kg	07.16.19 10.59	U	1
Total Xylenes	1330-20-7	<0.00197	0.00197	mg/kg	07.16.19 10.59	U	1
Total BTEX		<0.00197	0.00197	mg/kg	07.16.19 10.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	07.16.19 10.59	
1,4-Difluorobenzene	540-36-3	94	%	70-130	07.16.19 10.59	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH16 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-042	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 11.00	Basis:	Wet Weight
Seq Number:	3095416			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**3340**	24.9	mg/kg	07.15.19 16.15		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 10.00	Basis:	Wet Weight
Seq Number:	3095299			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.14.19 03.28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.14.19 03.28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.14.19 03.28	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.14.19 03.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-135	07.14.19 03.28	
o-Terphenyl	84-15-1	91	%	70-135	07.14.19 03.28	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH16 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-042	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.20	Basis:	Wet Weight
Seq Number:	3095520			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.15.19 01.38	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.15.19 01.38	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.15.19 01.38	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	07.15.19 01.38	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.15.19 01.38	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.15.19 01.38	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.15.19 01.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	70-130	07.15.19 01.38	
1,4-Difluorobenzene	540-36-3	97	%	70-130	07.15.19 01.38	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH17 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-043	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 09.25	Basis:	Wet Weight
Seq Number:	3095413			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**486**	4.99	mg/kg	07.15.19 11.38		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 10.00	Basis:	Wet Weight
Seq Number:	3095299			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.14.19 03.52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.14.19 03.52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.14.19 03.52	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.14.19 03.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	07.14.19 03.52	
o-Terphenyl	84-15-1	98	%	70-135	07.14.19 03.52	

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Tetra Tech- Midland, Midland, TX

Neptune 202 Lay Flat Release

Sample Id:	**AH17 (0-1')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-043	Date Collected:	07.10.19 00.00	Sample Depth:	0 - 1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.20	Basis:	Wet Weight
Seq Number:	3095520			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	07.15.19 02.00	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	07.15.19 02.00	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	07.15.19 02.00	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	07.15.19 02.00	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	07.15.19 02.00	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	07.15.19 02.00	U	1
Total BTEX		<0.00200	0.00200	mg/kg	07.15.19 02.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	07.15.19 02.00	
4-Bromofluorobenzene	460-00-4	111	%	70-130	07.15.19 02.00	

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Neptune 202 Lay Flat Release

Sample Id:	**AH17 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-044	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	07.15.19 11.00	Basis:	Wet Weight
Seq Number:	3095416			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1810**	24.8	mg/kg	07.15.19 16.23		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	07.13.19 10.00	Basis:	Wet Weight
Seq Number:	3095299			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.14.19 04.16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.14.19 04.16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	07.14.19 04.16	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.14.19 04.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	110	%	70-135	07.14.19 04.16	
o-Terphenyl	84-15-1	107	%	70-135	07.14.19 04.16	

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Neptune 202 Lay Flat Release

Sample Id:	**AH17 (1-1.5')**	Matrix:	Soil	Date Received:	07.11.19 11.55
Lab Sample Id:	630566-044	Date Collected:	07.10.19 00.00	Sample Depth:	1 - 1.5 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	AMB			% Moisture:	
Analyst:	AMB	Date Prep:	07.13.19 15.20	Basis:	Wet Weight
Seq Number:	3095520			SUB:	T104704400-18-16

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	07.15.19 02.22	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	07.15.19 02.22	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	07.15.19 02.22	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	07.15.19 02.22	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	07.15.19 02.22	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	07.15.19 02.22	U	1
Total BTEX		<0.00200	0.00200	mg/kg	07.15.19 02.22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	70-130	07.15.19 02.22	
1,4-Difluorobenzene	540-36-3	90	%	70-130	07.15.19 02.22	

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.

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 630566

Tetra Tech- Midland

Neptune 202 Lay Flat Release

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3095272 — Matrix: Solid — Date Prep: 07.12.19
MB Sample Id: 7681970-1-BLK — LCS Sample Id: 7681970-1-BKS — LCSD Sample Id: 7681970-1-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	241	96	239	96	90-110	1	20	mg/kg	07.12.19 16:26	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3095413 — Matrix: Solid — Date Prep: 07.15.19
MB Sample Id: 7681980-1-BLK — LCS Sample Id: 7681980-1-BKS — LCSD Sample Id: 7681980-1-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	234	94	235	94	90-110	0	20	mg/kg	07.15.19 09:42	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3095416 — Matrix: Solid — Date Prep: 07.15.19
MB Sample Id: 7682025-1-BLK — LCS Sample Id: 7682025-1-BKS — LCSD Sample Id: 7682025-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.858	250	240	96	240	96	90-110	0	20	mg/kg	07.15.19 13:52	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3095272 — Matrix: Soil — Date Prep: 07.12.19
Parent Sample Id: 630566-005 — MS Sample Id: 630566-005 S — MSD Sample Id: 630566-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	53.6	250	302	99	301	99	90-110	0	20	mg/kg	07.12.19 17:49	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3095272 — Matrix: Soil — Date Prep: 07.12.19
Parent Sample Id: 630732-004 — MS Sample Id: 630732-004 S — MSD Sample Id: 630732-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.02	251	248	99	248	99	90-110	0	20	mg/kg	07.12.19 16:41	

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

QC Summary 630566

Tetra Tech- Midland

Neptune 202 Lay Flat Release

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3095413 — Matrix: Soil — Date Prep: 07.15.19
Parent Sample Id: 630566-018 — MS Sample Id: 630566-018 S — MSD Sample Id: 630566-018 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	889	253	1090	79	1090	79	90-110	0	20	mg/kg	07.15.19 10:04	X

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3095413 — Matrix: Soil — Date Prep: 07.15.19
Parent Sample Id: 630566-043 — MS Sample Id: 630566-043 S — MSD Sample Id: 630566-043 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	486	250	699	85	700	86	90-110	0	20	mg/kg	07.15.19 11:45	X

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3095416 — Matrix: Soil — Date Prep: 07.15.19
Parent Sample Id: 630592-001 — MS Sample Id: 630592-001 S — MSD Sample Id: 630592-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	452	249	671	88	672	88	90-110	0	20	mg/kg	07.15.19 14:19	X

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3095416 — Matrix: Soil — Date Prep: 07.15.19
Parent Sample Id: 630592-002 — MS Sample Id: 630592-002 S — MSD Sample Id: 630592-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	135	250	367	93	367	93	90-110	0	20	mg/kg	07.15.19 16:01	

Analytical Method: TPH By SW8015 Mod — Prep Method: TX1005P
Seq Number: 3095298 — Matrix: Solid — Date Prep: 07.13.19
MB Sample Id: 7681982-1-BLK — LCS Sample Id: 7681982-1-BKS — LCSD Sample Id: 7681982-1-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)	<8.00	1000	1100	110	1100	110	70-135	0	20	mg/kg	07.13.19 10:30	
Diesel Range Organics (DRO)	<8.13	1000	1160	116	1100	110	70-135	5	20	mg/kg	07.13.19 10:30	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	106		94		96		70-135	%	07.13.19 10:30
o-Terphenyl	96		106		117		70-135	%	07.13.19 10:30

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

QC Summary 630566

Tetra Tech- Midland

Neptune 202 Lay Flat Release

Analytical Method: TPH By SW8015 Mod — Prep Method: TX1005P
Seq Number: 3095299 — Matrix: Solid — Date Prep: 07.13.19
MB Sample Id: 7681985-1-BLK — LCS Sample Id: 7681985-1-BKS — LCSD Sample Id: 7681985-1-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)	<8.00	1000	1160	116	1150	115	70-135	1	20	mg/kg	07.13.19 21:28	
Diesel Range Organics (DRO)	<8.13	1000	1120	112	1180	118	70-135	5	20	mg/kg	07.13.19 21:28	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	105		97		94		70-135	%	07.13.19 21:28
o-Terphenyl	108		104		111		70-135	%	07.13.19 21:28

Analytical Method: TPH By SW8015 Mod — Prep Method: TX1005P
Seq Number: 3095298 — Matrix: Soil — Date Prep: 07.13.19
Parent Sample Id: 630566-001 — MS Sample Id: 630566-001 S — MSD Sample Id: 630566-001 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)	8.89	999	1190	118	1210	120	70-135	2	20	mg/kg	07.13.19 11:42	
Diesel Range Organics (DRO)	11.5	999	1180	117	1210	120	70-135	3	20	mg/kg	07.13.19 11:42	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	94		94		70-135	%	07.13.19 11:42
o-Terphenyl	101		103		70-135	%	07.13.19 11:42

Analytical Method: TPH By SW8015 Mod — Prep Method: TX1005P
Seq Number: 3095299 — Matrix: Soil — Date Prep: 07.13.19
Parent Sample Id: 630566-032 — MS Sample Id: 630566-032 S — MSD Sample Id: 630566-032 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)	9.89	997	1040	103	1070	106	70-135	3	20	mg/kg	07.13.19 22:41	
Diesel Range Organics (DRO)	<8.10	997	1080	108	1070	107	70-135	1	20	mg/kg	07.13.19 22:41	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	96		97		70-135	%	07.13.19 22:41
o-Terphenyl	110		107		70-135	%	07.13.19 22:41

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

QC Summary 630566

Tetra Tech- Midland

Neptune 202 Lay Flat Release

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3095521 — Matrix: Solid — Date Prep: 07.13.19
MB Sample Id: 7681947-1-BLK — LCS Sample Id: 7681947-1-BKS — LCSD Sample Id: 7681947-1-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	0.0741	74	0.0772	77	70-130	4	35	mg/kg	07.15.19 09:28	
Toluene	<0.000456	0.100	0.107	107	0.113	113	70-130	5	35	mg/kg	07.15.19 09:28	
Ethylbenzene	<0.00200	0.100	0.106	106	0.117	117	70-130	10	35	mg/kg	07.15.19 09:28	
m,p-Xylenes	<0.00101	0.200	0.211	106	0.228	114	70-130	8	35	mg/kg	07.15.19 09:28	
o-Xylene	<0.00200	0.100	0.0976	98	0.106	106	70-130	8	35	mg/kg	07.15.19 09:28	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	84		83		85		70-130	%	07.15.19 09:28
4-Bromofluorobenzene	104		98		104		70-130	%	07.15.19 09:28

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3095520 — Matrix: Solid — Date Prep: 07.13.19
MB Sample Id: 7681948-1-BLK — LCS Sample Id: 7681948-1-BKS — LCSD Sample Id: 7681948-1-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	0.0743	74	0.0815	82	70-130	9	35	mg/kg	07.15.19 09:54	
Toluene	<0.00200	0.100	0.0861	86	0.0948	95	70-130	10	35	mg/kg	07.15.19 09:54	
Ethylbenzene	<0.00200	0.100	0.0853	85	0.0959	96	70-130	12	35	mg/kg	07.15.19 09:54	
m,p-Xylenes	<0.00400	0.200	0.174	87	0.195	98	70-130	11	35	mg/kg	07.15.19 09:54	
o-Xylene	<0.00200	0.100	0.0827	83	0.0923	92	70-130	11	35	mg/kg	07.15.19 09:54	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	92		90		94		70-130	%	07.15.19 09:54
4-Bromofluorobenzene	101		97		103		70-130	%	07.15.19 09:54

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3095354 — Matrix: Solid — Date Prep: 07.12.19
MB Sample Id: 7681939-1-BLK — LCS Sample Id: 7681939-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0727	73	70-130	mg/kg	07.14.19 06:55	
Toluene	<0.00200	0.100	0.0982	98	70-130	mg/kg	07.14.19 06:55	
Ethylbenzene	<0.00200	0.100	0.111	111	70-130	mg/kg	07.14.19 06:55	
m,p-Xylenes	<0.00101	0.200	0.221	111	70-130	mg/kg	07.14.19 06:55	
o-Xylene	<0.00200	0.100	0.105	105	70-130	mg/kg	07.14.19 06:55	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	81		85		70-130	%	07.14.19 06:55
4-Bromofluorobenzene	110		109		70-130	%	07.14.19 06:55

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

QC Summary 630566

Tetra Tech- Midland

Neptune 202 Lay Flat Release

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3095354 — Matrix: Soil — Date Prep: 07.12.19
Parent Sample Id: 630761-001 — MS Sample Id: 630761-001 S — MSD Sample Id: 630761-001 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	0.100	0.0722	72	0.0727	73	70-130	1	35	mg/kg	07.14.19 07:18	
Toluene	<0.00200	0.100	0.0963	96	0.0963	96	70-130	0	35	mg/kg	07.14.19 07:18	
Ethylbenzene	<0.00200	0.100	0.109	109	0.109	109	70-130	0	35	mg/kg	07.14.19 07:18	
m,p-Xylenes	<0.00401	0.200	0.214	107	0.212	106	70-130	1	35	mg/kg	07.14.19 07:18	
o-Xylene	<0.00200	0.100	0.101	101	0.101	101	70-130	0	35	mg/kg	07.14.19 07:18	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	86		85		70-130	%	07.14.19 07:18
4-Bromofluorobenzene	116		117		70-130	%	07.14.19 07:18

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3095521 — Matrix: Soil — Date Prep: 07.13.19
Parent Sample Id: 630566-019 — MS Sample Id: 630566-019 S — MSD Sample Id: 630566-019 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0996	0.0708	71	0.0702	70	70-130	1	35	mg/kg	07.15.19 10:14	
Toluene	<0.000454	0.0996	0.0993	100	0.0974	98	70-130	2	35	mg/kg	07.15.19 10:14	
Ethylbenzene	<0.00199	0.0996	0.0965	97	0.0974	98	70-130	1	35	mg/kg	07.15.19 10:14	
m,p-Xylenes	<0.00398	0.199	0.189	95	0.181	91	70-130	4	35	mg/kg	07.15.19 10:14	
o-Xylene	<0.00199	0.0996	0.0888	89	0.0849	85	70-130	4	35	mg/kg	07.15.19 10:14	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	91		91		70-130	%	07.15.19 10:14
4-Bromofluorobenzene	108		109		70-130	%	07.15.19 10:14

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3095520 — Matrix: Soil — Date Prep: 07.13.19
Parent Sample Id: 630566-039 — MS Sample Id: 630566-039 S — MSD Sample Id: 630566-039 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0996	0.0901	90	0.0759	76	70-130	17	35	mg/kg	07.16.19 11:43	
Toluene	<0.00199	0.0996	0.0861	86	0.0881	88	70-130	2	35	mg/kg	07.16.19 11:43	
Ethylbenzene	<0.00199	0.0996	0.0933	94	0.0821	82	70-130	13	35	mg/kg	07.16.19 11:43	
m,p-Xylenes	<0.00398	0.199	0.189	95	0.165	83	70-130	14	35	mg/kg	07.16.19 11:43	
o-Xylene	0.0716	0.0996	0.0887	17	0.0797	8	70-130	11	35	mg/kg	07.16.19 11:43	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	98		99		70-130	%	07.16.19 11:43
4-Bromofluorobenzene	114		125		70-130	%	07.16.19 11:43

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

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Analysis Request of Chain of Custody Record

6305 tele Page 1 of 5

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG

Site Manager: M. Ke Cammona

Project Name: Neptune 202 Lay Flat Release

Project Location (county, state): Lea CO, NM

Project #: 212C-MD-01841

Invoice to: EOG - James Kennedy

Receiving Laboratory: Xenco

Sampler Signature: Tony Laguna

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2019)	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
	AH1 (0-1')	7/10/19			X			X		1	N	X		X												X						
	AH1 (1-1.5')																															
	AH1 (2-2.5')											X		X																		
	AH1 (3-3.5')																															
	AH1 (4-4.5')																															
	AH2 (0-1')																															
	AH2 (1-1.5')											X		X																		
	AH2 (2-2.5')											X		X																		
	AH2 (3-3.5')																															
	AH2 (4-4.5')																															

Relinquished by: Date: Time:
Antonio E. Fuentes 7/11/19 1155

Received by: Date: Time:
7/11/19 11:55

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

LAB USE ONLY

Sample Temperature: 0.8°C

REMARKS:

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

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

Received by OCD: 2/18/2026 12:16:15 PM
Released to Imaging: 2/18/2026 12:00:57 PM
Final 1.000
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Analysis Request of Chain of Custody Record

c2309668 Page 2 of 5

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG

Site Manager: Mike Carmona

Project Name: Neptune 202 Lay Flat Release

Project Location: (county, state) Lea CO, NM

Project #: 212C-MD-01841

Invoice to: EOG - Sams Kennedy

Receiving Laboratory: Xenco

Sampler Signature: Tony Loganda

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2019)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)
	AH3 (0-1')	7/10/19			X			X		1	N
	AH3 (1-1.5')										
	AH3 (2-2.5')										
	AH3 (3-3.5')										
	AH4 (0-1')										
	AH4 (1-1.5')										
	AH4 (2-2.5')										
	AH4 (3-3.5')										
	AH5 (0-1')										
	AH5 (1-1.5')										

ANALYSIS REQUEST (Circle or Specify Method No.)

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

Relinquished by: Mitchell E. Lunka Date: 7/11/19 Time: 1155

Received by: Date: 7/11/19 Time: 14:55

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

LAB USE ONLY

Sample Temperature 0.8 °C

REMARKS:

- [ ] STANDARD
- [X] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

(630)561-6 Page 3 of 5

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG

Site Manager: Mike Carmona

Project Name: Neptune 202 Lay Flat Release

Project Location: (county, state) Lea Co, NM

Project #: 212C-MD-01841

Invoice to: EOG - James Kennedy

Receiving Laboratory: Xenco

Sampler Signature: Tony Laguna

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2019)	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
	AH6 (0-1')	7/10/19			X			X		1	N	X		X												X				
	AH6 (1-1.5')											X		X																
	AH 7 (0-1')											X		X																
	AH 7 (1-1.5')											X		X																
	AH 8 (0-1')											X		X																
	AH 8 (1-1.5')											X		X																
	AH 8 (2-2.5')											X		X																
	AH 9 (0-1')																													
	AH 10 (0-1')											X		X																
	AH 10 (1-1.5')											X		X																

Relinquished by: Antonio E Trudeau Date: 7/10/19 Time: 1155

Received by: Date: 7/11/19 Time: 11:55

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB USE ONLY

Sample Temperature 0.0 °C

REMARKS:

- [ ] STANDARD
- [X] RUSH: Same Day 24 hr 48 hr (72 hr)
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

630566

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG

Site Manager: Mike Carmona

Project Name: Neptune 202 Layflat Release

Project Location: (county, state) Lea, CO/NM

Project #: 212C-MD-01841

Invoice to: EOG - James Kennedy

Receiving Laboratory: Xenco

Sampler Signature: Tony Legarda

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2019)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
	AH 11 (0-1')	7/10/19			X			X		1	N	X	X													X				
	AH 11 (1-1.5')				X			X		1	N																			
	AH 12 (0-1')				X			X		1	N																			
	AH 12 (1-1.5')				X			X		1	N																			
	AH 13 (0-1')				X			X		1	N																			
	AH 13 (1-1.5')				X			X		1	N																			
	AH 14 (0-1')				X			X		1	N																			
	AH 14 (1-1.5')				X			X		1	N																			
	AH 15 (0-1')				X			X		1	N																			
	AH 15 (1-1.5')				X			X		1	N																			

Relinquished by: Date: Time:
Antonio E. Linder 7/10/19 1155

Received by: Date: Time:
7/11/19 11:55

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

LAB USE ONLY

Sample Temperature 0.8°C

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 #:

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Analysis Request of Chain of Custody Record

Le30516le Page 5 of 5

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG

Site Manager: Mike Carmona

Project Name: Neptune 202 Lay Flat Release

Project Location: (county, state) Lea Co, NM

Project #: 212C-MD-01841

Invoice to: EOG - Samas Kennedy

Receiving Laboratory: Xenco

Sampler Signature: Tony Lagarda

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2019 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	AH 16 (0-1')	7/10/19			X			X		1	N	X		X												X								
	AH 16 (1-1.5')	↓			X			X		1	N	X		X												X								
	AH 17 (0-1')				X			X		1	N	X		X												X								
	AH 17 (1-1.5')				X			X		1	N	X		X												X								

ANALYSIS REQUEST
(Circle or Specify Method No.)

Relinquished by: Antonio E. Lagarda Date: 7/10/19 Time: 1155

Received by: Date: 7/11/19 Time: 11:55

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

LAB USE ONLY

Sample Temperature 0.8°C

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 #:

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XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Date/ Time Received: 07/11/2019 11:55:00 AM

Work Order #: 630566

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

Temperature Measuring device used : T-NM-007

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	.8	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**No**	
#5 Custody Seals intact on sample bottles?	**No**	
#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**	
#13 Samples properly preserved?	**Yes**	
#14 Sample container(s) intact?	**Yes**	
#15 Sufficient sample amount for indicated test(s)?	**Yes**	
#16 All samples received within hold time?	**Yes**	
#17 Subcontract of sample(s)?	**Yes**	Subbed to Xenco Midland
#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: Elizabeth McClellan Date: 07/11/2019

Checklist reviewed by: Jessica Kramer Date: 07/15/2019

Jessica Kramer

Received by OCD: 12/18/2025 12:16:15 PM

Certificate of Analysis Summary 638034

Tetra Tech- Midland, Midland, TX

Project Name: EOG-Neptune 202 Layflat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Wed Sep-25-19 04:19 pm
Report Date: 30-SEP-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	638034-001		638034-002		638034-003		638034-004		638034-005		638034-006	
	Field Id:	Bottom Hole 1 (2'BEB)		Bottom Hole 2 (4'BEB)		Bottom Hole 3 (4'BEB)		Bottom Hole 4 (4'BEB)		Bottom Hole 5 (4'BEB)		Bottom Hole 6 (3'BEB)	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00	
BTEX by EPA 8021B	Extracted:	Sep-26-19 14:00		Sep-26-19 14:00		Sep-26-19 14:00		Sep-26-19 14:00		Sep-26-19 14:00		Sep-26-19 14:00	
	Analyzed:	** ** ** **		** ** ** **		** ** ** **		Sep-26-19 14:04		Sep-26-19 14:24		Sep-26-19 14:44	
	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	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199
Toluene		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199
Ethylbenzene		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199
m,p-Xylenes		<0.00398	0.00398	<0.00398	0.00398	<0.00398	0.00398	<0.00397	0.00397	<0.00399	0.00399	<0.00398	0.00398
o-Xylene		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199
Total Xylenes		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199
Total BTEX		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199
Chloride by EPA 300	Extracted:	Sep-26-19 10:15		Sep-26-19 10:15		Sep-26-19 10:15		Sep-26-19 10:15		Sep-26-19 10:15		Sep-26-19 10:15	
	Analyzed:	Sep-26-19 12:21		Sep-26-19 12:40		Sep-26-19 12:47		Sep-26-19 12:53		Sep-26-19 12:59		Sep-26-19 13:18	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		11.1	4.96	237	4.98	15.6	5.00	19.5	4.95	27.8	5.05	127	5.05
TPH By SW8015 Mod	Extracted:	Sep-26-19 09:00		Sep-26-19 09:00		Sep-26-19 09:00		Sep-26-19 09:00		Sep-26-19 09:00		Sep-26-19 09:00	
	Analyzed:	Sep-26-19 10:24		Sep-26-19 11:23		Sep-26-19 11:42		Sep-26-19 12:02		Sep-26-19 12:21		Sep-26-19 12:41	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.9	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.9	49.9	<50.0	50.0
Total TPH		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.9	49.9	<50.0	50.0

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use.
The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories.
XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.
Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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

Jessica Kramer
Project Assistant

Released to Imaging: 2/18/2026 12:00:57 PM

Certificate of Analysis Summary 638034

Tetra Tech- Midland, Midland, TX

Project Name: EOG-Neptune 202 Layflat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Wed Sep-25-19 04:19 pm
Report Date: 30-SEP-19
Project Manager: Jessica Kramer

Analysis Requested		638034-007		638034-008		638034-009		638034-010		638034-011		638034-012	
	Field Id:	Bottom Hole 7 (3'BEB)		Bottom Hole 8 (3'BEB)		Bottom Hole 9 (3'BEB)		Bottom Hole 10 (3'BEB)		Bottom Hole 11 (3'BEB)		Bottom Hole 12 (3'BEB)	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00	
BTEX by EPA 8021B	Extracted:	Sep-26-19 14:00		Sep-26-19 14:00		Sep-26-19 14:00		Sep-26-19 14:00		Sep-26-19 14:00		Sep-26-19 14:00	
	Analyzed:	Sep-26-19 15:04		Sep-26-19 15:24		Sep-26-19 15:44		Sep-26-19 16:04		Sep-26-19 17:23		Sep-26-19 17:43	
	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	<0.00202	0.00202	<0.00200	0.00200	<0.00202	0.00202	<0.00202	0.00202	<0.00198	0.00198
Toluene		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00202	0.00202	<0.00202	0.00202	<0.00198	0.00198
Ethylbenzene		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00202	0.00202	<0.00202	0.00202	<0.00198	0.00198
m,p-Xylenes		<0.00400	0.00400	<0.00403	0.00403	<0.00401	0.00401	<0.00404	0.00404	<0.00403	0.00403	<0.00397	0.00397
o-Xylene		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00202	0.00202	<0.00202	0.00202	<0.00198	0.00198
Total Xylenes		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00202	0.00202	<0.00202	0.00202	<0.00198	0.00198
Total BTEX		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00202	0.00202	<0.00202	0.00202	<0.00198	0.00198
Chloride by EPA 300	Extracted:	Sep-26-19 10:15		Sep-26-19 10:15		Sep-26-19 10:15		Sep-26-19 10:15		Sep-26-19 10:15		Sep-26-19 10:15	
	Analyzed:	Sep-26-19 13:25		Sep-26-19 13:31		Sep-26-19 13:37		Sep-26-19 13:44		Sep-26-19 13:50		Sep-26-19 14:09	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		80.9	4.99	64.4	4.95	143	5.02	52.9	5.00	<5.00	5.00	16.8	4.98
TPH By SW8015 Mod	Extracted:	Sep-26-19 09:00		Sep-26-19 09:00		Sep-26-19 09:00		Sep-26-19 09:00		Sep-26-19 09:00		Sep-26-19 09:00	
	Analyzed:	Sep-26-19 13:01		Sep-26-19 13:20		Sep-26-19 13:40		Sep-26-19 14:00		Sep-26-19 14:39		Sep-26-19 14:59	
	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	<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9
Total TPH		<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9

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Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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

Jessica Kramer
Project Assistant

Received by OCD: 12/18/2025 12:16:15 PM

Certificate of Analysis Summary 638034

Tetra Tech- Midland, Midland, TX

Project Name: EOG-Neptune 202 Layflat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Wed Sep-25-19 04:19 pm
Report Date: 30-SEP-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	638034-013		638034-014		638034-015		638034-016		638034-017		638034-018	
	Field Id:	Bottom Hole 13 (3'BEB)		Bottom Hole 14 (3'BEB)		Bottom Hole 15 (3'BEB)		Bottom Hole 16 (3'BEB)		Bottom Hole 17 (3'BEB)		Bottom Hole 18 (3'BEB)	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00	
BTEX by EPA 8021B	*Extracted:*	Sep-26-19 14:00		Sep-26-19 14:00		Sep-26-19 14:00		Sep-26-19 14:00		Sep-26-19 14:00		Sep-26-19 14:00	
	Analyzed:	Sep-26-19 18:03		Sep-26-19 18:23		Sep-26-19 18:43		Sep-26-19 19:03		Sep-26-19 19:23		Sep-26-19 19:43	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200
Toluene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200
Ethylbenzene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200
m,p-Xylenes		<0.00402	0.00402	<0.00396	0.00396	<0.00399	0.00399	<0.00400	0.00400	<0.00398	0.00398	<0.00400	0.00400
o-Xylene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200
Total Xylenes		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200
Total BTEX		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200
Chloride by EPA 300	*Extracted:*	Sep-26-19 10:15		Sep-26-19 10:15		Sep-26-19 10:15		Sep-26-19 10:15		Sep-26-19 10:15		Sep-26-19 10:15	
	Analyzed:	Sep-26-19 14:16		Sep-26-19 14:35		Sep-26-19 14:41		Sep-26-19 14:47		Sep-26-19 14:54		Sep-26-19 15:00	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		212	5.01	99.1	5.05	8.19	5.00	109	5.00	168	5.00	77.7	5.02
TPH By SW8015 Mod	*Extracted:*	Sep-26-19 09:00		Sep-26-19 09:00		Sep-26-19 09:00		Sep-26-19 09:00		Sep-26-19 09:00		Sep-26-19 09:00	
	Analyzed:	Sep-26-19 15:19		Sep-26-19 15:38		Sep-26-19 15:58		Sep-26-19 16:18		Sep-26-19 16:37		Sep-26-19 16:57	
	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	<50.0	50.0	<49.8	49.8	<49.9	49.9	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		<49.9	49.9	<50.0	50.0	<49.8	49.8	<49.9	49.9	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<49.8	49.8	<49.9	49.9	<50.0	50.0	<49.9	49.9
Total TPH		<49.9	49.9	<50.0	50.0	<49.8	49.8	<49.9	49.9	<50.0	50.0	<49.9	49.9

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

Jessica Kramer
Project Assistant

Released to Imaging: 2/18/2026 12:00:57 PM

Certificate of Analysis Summary 638034

Tetra Tech- Midland, Midland, TX

Project Name: EOG-Neptune 202 Layflat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Wed Sep-25-19 04:19 pm
Report Date: 30-SEP-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	638034-019		638034-020		638034-021		638034-022		638034-023		638034-024	
	Field Id:	Bottom Hole 19 (3'BEB)		Bottom Hole 20 (3'BEB)		Bottom Hole 21 (3'BEB)		Bottom Hole 22 (3'BEB)		Bottom Hole 23 (3'BEB)		Bottom Hole 24 (3'BEB)	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00	
BTEX by EPA 8021B	*Extracted:*	Sep-26-19 14:00		Sep-26-19 14:00		Sep-26-19 14:15		Sep-26-19 14:15		Sep-26-19 14:15		Sep-26-19 14:15	
	Analyzed:	Sep-26-19 20:04		Sep-26-19 20:24		Sep-27-19 11:59		Sep-27-19 12:19		Sep-27-19 12:39		Sep-27-19 12:59	
	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	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202
Toluene		<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202
Ethylbenzene		<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202
m,p-Xylenes		<0.00396	0.00396	<0.00399	0.00399	<0.00398	0.00398	<0.00397	0.00397	<0.00401	0.00401	<0.00403	0.00403
o-Xylene		<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202
Total Xylenes		<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202
Total BTEX		<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202
Chloride by EPA 300	*Extracted:*	Sep-26-19 10:15		Sep-26-19 10:15		Sep-26-19 10:35		Sep-26-19 10:35		Sep-26-19 10:35		Sep-26-19 10:35	
	Analyzed:	Sep-26-19 15:06		Sep-26-19 15:13		Sep-26-19 15:39		Sep-27-19 08:11		Sep-26-19 15:21		Sep-26-19 15:27	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		242	4.98	199	5.00	5.81	4.95	86.3	5.03	51.4	4.98	188	5.02
TPH By SW8015 Mod	*Extracted:*	Sep-26-19 09:00		Sep-26-19 09:00		Sep-26-19 10:00		Sep-26-19 10:00		Sep-26-19 10:00		Sep-26-19 10:00	
	Analyzed:	Sep-26-19 17:17		Sep-26-19 17:36		Sep-26-19 19:14		Sep-26-19 20:13		Sep-26-19 20:32		Sep-26-19 20:52	
	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

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Jessica Kramer
Project Assistant

Received by OCD: 12/18/2025 12:16:15 PM

Certificate of Analysis Summary 638034

Tetra Tech- Midland, Midland, TX

Project Name: EOG-Neptune 202 Layflat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Wed Sep-25-19 04:19 pm
Report Date: 30-SEP-19
Project Manager: Jessica Kramer

Analysis Requested	*Lab Id:*	638034-025		638034-026		638034-027		638034-028		638034-029		638034-030	
	Field Id:	Bottom Hole 25 (3'BEB)		Bottom Hole 26 (3'BEB)		Bottom Hole 27 (4'BEB)		Bottom Hole 28 (4'BEB)		Bottom Hole 29 (4'BEB)		Bottom Hole 30 (4'BEB)	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Sep-23-19 00:00		Sep-23-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00	
BTEX by EPA 8021B	*Extracted:*	Sep-26-19 14:15		Sep-26-19 14:15		Sep-26-19 14:15		Sep-26-19 14:15		Sep-26-19 14:15		Sep-26-19 14:15	
	Analyzed:	Sep-27-19 13:19		Sep-27-19 13:40		Sep-27-19 14:00		Sep-27-19 14:20		Sep-27-19 14:40		Sep-27-19 15:00	
	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	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201
Toluene		<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201
Ethylbenzene		<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201
m,p-Xylenes		<0.00401	0.00401	<0.00398	0.00398	<0.00396	0.00396	<0.00396	0.00396	<0.00400	0.00400	<0.00402	0.00402
o-Xylene		<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201
Total Xylenes		<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201
Total BTEX		<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201
Chloride by EPA 300	*Extracted:*	Sep-26-19 10:35		Sep-26-19 10:35		Sep-26-19 10:35		Sep-26-19 10:35		Sep-26-19 10:35		Sep-26-19 10:35	
	Analyzed:	Sep-26-19 15:33		Sep-26-19 16:07		Sep-26-19 16:13		Sep-26-19 16:19		Sep-26-19 16:25		Sep-26-19 16:31	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		15.1	5.05	13.9	5.00	92.5	4.98	5.89	5.04	9.05	4.98	193	4.96
TPH By SW8015 Mod	*Extracted:*	Sep-26-19 10:00		Sep-26-19 10:00		Sep-26-19 10:00		Sep-26-19 10:00		Sep-26-19 10:00		Sep-26-19 10:00	
	Analyzed:	Sep-26-19 21:11		Sep-26-19 21:30		Sep-26-19 21:49		Sep-26-19 22:08		Sep-26-19 22:28		Sep-26-19 22:47	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.9	49.9
Diesel Range Organics (DRO)		<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.9	49.9
Total TPH		<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.9	49.9

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

Jessica Kramer
Project Assistant

Released to Imaging: 2/18/2026 12:00:57 PM

Certificate of Analysis Summary 638034

Tetra Tech- Midland, Midland, TX

Project Name: EOG-Neptune 202 Layflat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Wed Sep-25-19 04:19 pm
Report Date: 30-SEP-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	638034-031		638034-032		638034-033		638034-034		638034-035		638034-036	
	Field Id:	Bottom Hole 31 (3'BEB)		Bottom Hole 32 (3'BEB)		Bottom Hole 33 (3'BEB)		Bottom Hole 34 (3'BEB)		Bottom Hole 35 (4'BEB)		Bottom Hole 36 (4'BEB)	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00	
BTEX by EPA 8021B	*Extracted:*	Sep-26-19 14:15		Sep-26-19 14:15		Sep-26-19 14:15		Sep-26-19 14:15		Sep-26-19 14:15		Sep-26-19 14:15	
	Analyzed:	Sep-27-19 16:18		Sep-27-19 16:39		Sep-27-19 16:59		Sep-27-19 17:19		Sep-27-19 17:39		Sep-27-19 17:59	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00202	0.00202	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Toluene		<0.00202	0.00202	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Ethylbenzene		<0.00202	0.00202	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
m,p-Xylenes		<0.00404	0.00404	<0.00397	0.00397	<0.00399	0.00399	<0.00398	0.00398	<0.00397	0.00397	<0.00398	0.00398
o-Xylene		<0.00202	0.00202	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Total Xylenes		<0.00202	0.00202	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Total BTEX		<0.00202	0.00202	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Chloride by EPA 300	*Extracted:*	Sep-26-19 10:35		Sep-26-19 10:35		Sep-26-19 10:35		Sep-26-19 10:35		Sep-26-19 10:35		Sep-26-19 10:35	
	Analyzed:	Sep-26-19 16:37		Sep-27-19 08:17		Sep-26-19 17:02		Sep-26-19 17:20		Sep-26-19 17:26		Sep-26-19 17:32	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		203	5.05	20.9	5.00	20.7	5.02	18.4	4.98	129	5.04	11.5	5.05
TPH By SW8015 Mod	*Extracted:*	Sep-26-19 10:00		Sep-26-19 10:00		Sep-26-19 10:00		Sep-26-19 10:00		Sep-26-19 10:00		Sep-26-19 10:00	
	Analyzed:	Sep-26-19 23:26		Sep-26-19 23:45		Sep-27-19 00:04		Sep-27-19 00:24		Sep-27-19 00:43		Sep-27-19 01:02	
	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	<50.0	50.0	<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<49.9	49.9	<50.0	50.0	<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0
Total TPH		<49.9	49.9	<50.0	50.0	<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0

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Jessica Kramer
Project Assistant

Certificate of Analysis Summary 638034

Tetra Tech- Midland, Midland, TX

Project Name: EOG-Neptune 202 Layflat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Wed Sep-25-19 04:19 pm
Report Date: 30-SEP-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	638034-037		638034-038		638034-039		638034-040		638034-041		638034-042	
	Field Id:	Bottom Hole 37 (4'BEB)		Bottom Hole 38 (4'BEB)		Bottom Hole 39 (4'BEB)		Bottom Hole 40 (2'BEB)		Bottom Hole 41 (2'BEB)		Bottom Hole 42 (2'BEB)	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00		Sep-23-19 00:00		Sep-24-19 00:00	
BTEX by EPA 8021B	Extracted:	Sep-26-19 14:15		Sep-26-19 14:15		Sep-26-19 14:15		Sep-26-19 14:15		Sep-26-19 14:30		Sep-26-19 14:30	
	Analyzed:	Sep-27-19 18:19		Sep-27-19 18:39		Sep-27-19 19:00		Sep-27-19 19:20		Sep-27-19 22:38		Sep-27-19 22:58	
	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	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200
Toluene		<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200
Ethylbenzene		<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200
m,p-Xylenes		<0.00398	0.00398	<0.00400	0.00400	<0.00398	0.00398	<0.00396	0.00396	<0.00399	0.00399	<0.00399	0.00399
o-Xylene		<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200
Total Xylenes		<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200
Total BTEX		<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200
Chloride by EPA 300	Extracted:	Sep-26-19 10:35		Sep-26-19 10:35		Sep-26-19 10:35		Sep-26-19 10:35		Sep-26-19 12:00		Sep-26-19 12:00	
	Analyzed:	Sep-26-19 17:38		Sep-26-19 17:44		Sep-26-19 17:50		Sep-26-19 17:56		Sep-26-19 17:51		Sep-26-19 18:08	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		261	5.05	82.9	4.98	13.2	4.96	177	5.00	26.3	4.98	111	5.02
TPH By SW8015 Mod	Extracted:	Sep-26-19 10:00		Sep-26-19 10:00		Sep-26-19 10:00		Sep-26-19 10:00		Sep-27-19 09:19		Sep-27-19 09:19	
	Analyzed:	Sep-27-19 01:22		Sep-27-19 01:41		Sep-27-19 02:01		Sep-27-19 02:20		** ** ** **		** ** ** **	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<49.8	49.8	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0
Total TPH		<49.8	49.8	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0

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

Jessica Kramer
Project Assistant

Certificate of Analysis Summary 638034

Tetra Tech- Midland, Midland, TX

Project Name: EOG-Neptune 202 Layflat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Wed Sep-25-19 04:19 pm
Report Date: 30-SEP-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	638034-043		638034-044		638034-045		638034-046		638034-047		638034-048	
	Field Id:	Bottom Hole 43 (2'BEB)		Bottom Hole 44 (2'BEB)		Bottom Hole 45 (2'BEB)		Bottom Hole 46 (2'BEB)		Bottom Hole 47 (2'BEB)		Bottom Hole 48 (2'BEB)	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00	
BTEX by EPA 8021B	*Extracted:*	Sep-26-19 14:30		Sep-26-19 14:30		Sep-26-19 14:30		Sep-26-19 14:30		Sep-26-19 14:30		Sep-26-19 14:30	
	Analyzed:	Sep-27-19 23:18		Sep-27-19 23:38		Sep-27-19 23:58		Sep-28-19 00:19		Sep-28-19 00:39		Sep-28-19 00:59	
	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	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199
Toluene		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199
Ethylbenzene		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199
m,p-Xylenes		<0.00400	0.00400	<0.00399	0.00399	<0.00397	0.00397	<0.00399	0.00399	<0.00400	0.00400	<0.00398	0.00398
o-Xylene		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199
Total Xylenes		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199
Total BTEX		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199
Chloride by EPA 300	*Extracted:*	Sep-26-19 12:00		Sep-26-19 12:00		Sep-26-19 12:00		Sep-26-19 12:00		Sep-26-19 12:00		Sep-26-19 12:00	
	Analyzed:	Sep-26-19 18:14		Sep-26-19 18:20		Sep-26-19 18:26		Sep-26-19 18:43		Sep-26-19 18:49		Sep-26-19 18:55	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		25.1	5.00	16.0	5.05	81.5	5.05	251	5.00	117	4.96	<4.99	4.99
TPH By SW8015 Mod	*Extracted:*	Sep-27-19 09:19		Sep-27-19 09:19		Sep-27-19 09:19		Sep-27-19 09:19		Sep-27-19 09:19		Sep-27-19 09:19	
	Analyzed:	** ** ** **		** ** ** **		** ** ** **		** ** ** **		** ** ** **		** ** ** **	
	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	<49.8	49.8	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9
Total TPH		<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9

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Jessica Kramer
Project Assistant

Certificate of Analysis Summary 638034

Tetra Tech- Midland, Midland, TX

Project Name: EOG-Neptune 202 Layflat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Wed Sep-25-19 04:19 pm
Report Date: 30-SEP-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	638034-049		638034-050		638034-051		638034-052		638034-053		638034-054	
	Field Id:	Bottom Hole 49 (2'BEB)		Bottom Hole 50 (2'BEB)		Bottom Hole 51 (2'BEB)		Bottom Hole 52 (4'BEB)		Bottom Hole 53 (4'BEB)		Bottom Hole 54 (4'BEB)	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00		Sep-25-19 00:00	
BTEX by EPA 8021B	***Extracted:***	Sep-26-19 14:30		Sep-26-19 14:30		Sep-26-19 14:30		Sep-26-19 14:30		Sep-26-19 14:30		Sep-26-19 14:30	
	Analyzed:	Sep-28-19 01:19		Sep-28-19 01:39		Sep-28-19 02:58		Sep-28-19 03:18		Sep-28-19 03:38		Sep-28-19 03:58	
	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	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198
Toluene		<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198
Ethylbenzene		<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198
m,p-Xylenes		<0.00398	0.00398	<0.00398	0.00398	<0.00400	0.00400	<0.00398	0.00398	<0.00399	0.00399	<0.00396	0.00396
o-Xylene		<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198
Total Xylenes		<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198
Total BTEX		<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198
Chloride by EPA 300	***Extracted:***	Sep-26-19 12:00		Sep-26-19 12:00		Sep-26-19 12:00		Sep-26-19 12:00		Sep-26-19 12:00		Sep-26-19 12:00	
	Analyzed:	Sep-26-19 19:01		Sep-26-19 19:07		Sep-26-19 19:12		Sep-26-19 19:30		Sep-26-19 19:36		Sep-26-19 19:53	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		8.86	5.04	20.3	5.00	27.8	5.00	228	5.00	106	4.96	103	5.00
TPH By SW8015 Mod	***Extracted:***	Sep-27-19 09:19		Sep-27-19 09:19		Sep-27-19 09:19		Sep-27-19 09:19		Sep-27-19 09:19		Sep-27-19 09:19	
	Analyzed:	** ** ** **		** ** ** **		** ** ** **		** ** ** **		** ** ** **		** ** ** **	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8	<49.9	49.9
Diesel Range Organics (DRO)		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8	<49.9	49.9
Total TPH		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8	<49.9	49.9

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

Jessica Kramer
Project Assistant

Certificate of Analysis Summary 638034

Tetra Tech- Midland, Midland, TX

Project Name: EOG-Neptune 202 Layflat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Wed Sep-25-19 04:19 pm
Report Date: 30-SEP-19
Project Manager: Jessica Kramer

Analysis Requested	*Lab Id:*	638034-055		638034-056		638034-057		638034-058		638034-059		638034-060	
	Field Id:	Bottom Hole 55 (4'BEB)		Bottom Hole 56 (4'BEB)		Bottom Hole 57 (4'BEB)		Bottom Hole 58 (4'BEB)		Bottom Hole 59 (4'BEB)		Bottom Hole 62 (4'BEB)	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Sep-25-19 00:00		Sep-25-19 00:00		Sep-25-19 00:00		Sep-25-19 00:00		Sep-25-19 00:00		Sep-25-19 00:00	
BTEX by EPA 8021B	*Extracted:*	Sep-26-19 14:30		Sep-26-19 14:30		Sep-26-19 14:30		Sep-26-19 14:30		Sep-26-19 14:30		Sep-26-19 14:30	
	Analyzed:	Sep-28-19 04:18		Sep-28-19 04:38		Sep-28-19 04:59		Sep-28-19 05:19		Sep-28-19 05:39		Sep-28-19 05:59	
	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	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Toluene		<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Ethylbenzene		<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
m,p-Xylenes		<0.00397	0.00397	<0.00401	0.00401	<0.00399	0.00399	<0.00398	0.00398	<0.00397	0.00397	<0.00398	0.00398
o-Xylene		<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Total Xylenes		<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Total BTEX		<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Chloride by EPA 300	*Extracted:*	Sep-26-19 12:00		Sep-26-19 12:00		Sep-26-19 12:00		Sep-26-19 12:00		Sep-26-19 12:00		Sep-26-19 12:00	
	Analyzed:	Sep-26-19 19:59		Sep-26-19 20:05		Sep-26-19 20:11		Sep-26-19 20:16		Sep-26-19 20:22		Sep-26-19 20:28	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		23.1	5.03	108	4.98	22.9	5.00	13.5	5.00	155	5.05	10.7	4.99
TPH By SW8015 Mod	*Extracted:*	Sep-27-19 09:19		Sep-27-19 09:19		Sep-27-19 09:19		Sep-27-19 09:19		Sep-27-19 09:19		Sep-27-19 09:19	
	Analyzed:	Sep-27-19 09:34		Sep-27-19 09:53		Sep-27-19 10:13		Sep-27-19 10:32		Sep-27-19 10:52		Sep-27-19 11:12	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0
Total TPH		<50.0	50.0	<50.0	50.0	<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0

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Jessica Kramer
Project Assistant

Received by OCD: 12/18/2025 12:16:15 PM

Certificate of Analysis Summary 638034

Tetra Tech- Midland, Midland, TX

Project Name: EOG-Neptune 202 Layflat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Wed Sep-25-19 04:19 pm
Report Date: 30-SEP-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	638034-061		638034-062		638034-063		638034-064		638034-065		638034-066	
	Field Id:	Bottom Hole 61 (4'BEB)		N1SW		N2SW		N3SW		N4SW		S1SW	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Sep-25-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00		Sep-23-19 00:00	
BTEX by EPA 8021B	*Extracted:*	Sep-26-19 15:00		Sep-26-19 15:00		Sep-26-19 15:00		Sep-26-19 15:00		Sep-26-19 15:00		Sep-26-19 15:00	
	Analyzed:	Sep-27-19 05:16		Sep-27-19 05:36		Sep-27-19 05:56		Sep-27-19 06:16		Sep-27-19 06:37		Sep-27-19 06:57	
	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	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00201	0.00201	<0.00199	0.00199
Toluene		<0.00198	0.00198	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00201	0.00201	<0.00199	0.00199
Ethylbenzene		<0.00198	0.00198	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00201	0.00201	<0.00199	0.00199
m,p-Xylenes		<0.00396	0.00396	<0.00402	0.00402	<0.00403	0.00403	<0.00400	0.00400	<0.00402	0.00402	<0.00398	0.00398
o-Xylene		<0.00198	0.00198	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00201	0.00201	<0.00199	0.00199
Total Xylenes		<0.00198	0.00198	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00201	0.00201	<0.00199	0.00199
Total BTEX		<0.00198	0.00198	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00201	0.00201	<0.00199	0.00199
Chloride by EPA 300	*Extracted:*	Sep-26-19 12:40		Sep-26-19 12:40		Sep-26-19 12:40		Sep-26-19 12:40		Sep-26-19 12:40		Sep-26-19 12:40	
	Analyzed:	Sep-26-19 21:03		Sep-26-19 21:20		Sep-26-19 21:26		Sep-26-19 21:32		Sep-26-19 21:38		Sep-26-19 21:55	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		8.42	5.00	11.6	5.04	14.8	4.99	109	4.96	21.2	5.03	27.5	5.00
TPH By SW8015 Mod	*Extracted:*	Sep-26-19 17:00		Sep-26-19 17:00		Sep-26-19 17:00		Sep-26-19 17:00		Sep-26-19 17:00		Sep-26-19 17:00	
	Analyzed:	Sep-26-19 20:15		Sep-26-19 21:17		Sep-26-19 21:38		Sep-26-19 21:59		Sep-26-19 22:20		Sep-26-19 22:40	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.8	49.8	<49.9	49.9
Diesel Range Organics (DRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.8	49.8	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.8	49.8	<49.9	49.9
Total TPH		<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.8	49.8	<49.9	49.9

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

Jessica Kramer
Project Assistant

Released to Imaging: 2/18/2026 12:00:57 PM

Certificate of Analysis Summary 638034

Tetra Tech- Midland, Midland, TX

Project Name: EOG-Neptune 202 Layflat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Wed Sep-25-19 04:19 pm
Report Date: 30-SEP-19
Project Manager: Jessica Kramer

Analysis Requested		638034-067 S2SW SOIL Sep-24-19 00:00		638034-068 S3SW SOIL Sep-24-19 00:00		638034-069 S4SW SOIL Sep-24-19 00:00		638034-070 S5SW SOIL Sep-24-19 00:00		638034-071 E1SW SOIL Sep-23-19 00:00		638034-072 E2SW SOIL Sep-23-19 00:00	
BTEX by EPA 8021B	***Extracted:***	Sep-26-19 15:00		Sep-26-19 15:00		Sep-26-19 15:00		Sep-26-19 15:00		Sep-26-19 15:00		Sep-26-19 15:00	
	Analyzed:	Sep-27-19 07:17		Sep-27-19 07:37		Sep-27-19 07:57		Sep-27-19 08:17		Sep-27-19 09:36		Sep-27-19 09:56	
	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	<0.00200	0.00200	<0.00202	0.00202	<0.00202	0.00202	<0.00198	0.00198
Toluene		<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202	<0.00202	0.00202	<0.00198	0.00198
Ethylbenzene		<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202	<0.00202	0.00202	<0.00198	0.00198
m,p-Xylenes		<0.00398	0.00398	<0.00401	0.00401	<0.00400	0.00400	<0.00404	0.00404	<0.00403	0.00403	<0.00396	0.00396
o-Xylene		<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202	<0.00202	0.00202	<0.00198	0.00198
Total Xylenes		<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202	<0.00202	0.00202	<0.00198	0.00198
Total BTEX		<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202	<0.00202	0.00202	<0.00198	0.00198
Chloride by EPA 300	***Extracted:***	Sep-26-19 12:40		Sep-26-19 12:40		Sep-26-19 12:40		Sep-26-19 12:40		Sep-26-19 12:40		Sep-26-19 12:40	
	Analyzed:	Sep-26-19 22:01		Sep-26-19 22:07		Sep-26-19 22:13		Sep-26-19 22:19		Sep-26-19 22:24		Sep-26-19 22:42	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		<5.05	5.05	8.22	5.05	8.69	5.00	10.1	5.00	5.48	5.00	12.1	4.98
TPH By SW8015 Mod	***Extracted:***	Sep-26-19 17:00		Sep-26-19 17:00		Sep-26-19 17:00		Sep-26-19 17:00		Sep-26-19 17:00		Sep-26-19 17:00	
	Analyzed:	Sep-26-19 23:01		Sep-26-19 23:22		Sep-26-19 23:43		Sep-27-19 00:04		Sep-27-19 00:45		Sep-27-19 01:06	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.8	49.8
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.8	49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.8	49.8
Total TPH		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.8	49.8

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use.
The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories.
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Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Jessica Kramer
Project Assistant

Certificate of Analysis Summary 638034

Tetra Tech- Midland, Midland, TX

Project Name: EOG-Neptune 202 Layflat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Wed Sep-25-19 04:19 pm
Report Date: 30-SEP-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	638034-073		638034-074		638034-075		638034-076		638034-077		638034-078	
	Field Id:	E3SW		E4SW		E5SW		E6SW		E7SW		W1SW	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Sep-23-19 00:00		Sep-23-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00		Sep-24-19 00:00		Sep-23-19 00:00	
BTEX by EPA 8021B	*Extracted:*	Sep-26-19 15:00		Sep-26-19 15:00		Sep-26-19 15:00		Sep-26-19 15:00		Sep-26-19 15:00		Sep-26-19 15:00	
	Analyzed:	Sep-27-19 10:16		Sep-27-19 10:37		Sep-27-19 10:57		Sep-27-19 11:17		Sep-27-19 11:37		Sep-27-19 11:57	
	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	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00202	0.00202
Toluene		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00202	0.00202
Ethylbenzene		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00202	0.00202
m,p-Xylenes		<0.00399	0.00399	<0.00400	0.00400	<0.00397	0.00397	<0.00398	0.00398	<0.00398	0.00398	<0.00403	0.00403
o-Xylene		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00202	0.00202
Total Xylenes		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00202	0.00202
Total BTEX		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00202	0.00202
Chloride by EPA 300	*Extracted:*	Sep-26-19 12:40		Sep-26-19 12:40		Sep-26-19 12:40		Sep-26-19 12:40		Sep-26-19 12:40		Sep-26-19 12:40	
	Analyzed:	Sep-26-19 22:48		Sep-26-19 23:05		Sep-26-19 23:11		Sep-26-19 23:17		Sep-26-19 23:23		Sep-26-19 23:28	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		14.0	5.02	<4.99	4.99	18.3	4.95	108	4.96	13.4	5.00	17.9	4.95
TPH By SW8015 Mod	*Extracted:*	Sep-26-19 17:00		Sep-26-19 17:00		Sep-26-19 17:00		Sep-26-19 17:00		Sep-26-19 17:00		Sep-26-19 17:00	
	Analyzed:	Sep-27-19 01:27		Sep-27-19 01:48		Sep-27-19 02:08		Sep-27-19 02:30		Sep-27-19 02:50		Sep-27-19 03:12	
	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	<50.0	50.0	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<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)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Total TPH		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0

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Jessica Kramer
Project Assistant

Certificate of Analysis Summary 638034

Tetra Tech- Midland, Midland, TX

Project Name: EOG-Neptune 202 Layflat Release

Project Id: 212C-MD-01841
Contact: Mike Carmona
Project Location: Lea County, New Mexico

Date Received in Lab: Wed Sep-25-19 04:19 pm
Report Date: 30-SEP-19
Project Manager: Jessica Kramer

Analysis Requested									
	Lab Id:	638034-079		638034-080		638034-081			
	Field Id:	W2SW		W3SW		W4SW			
	Depth:								
	Matrix:	SOIL		SOIL		SOIL			
	Sampled:	Sep-23-19 00:00		Sep-24-19 00:00		Sep-23-19 00:00			
BTEX by EPA 8021B	*Extracted:*	Sep-26-19 15:00		Sep-26-19 15:00		Sep-26-19 14:00			
	Analyzed:	Sep-27-19 12:17		Sep-27-19 12:38		Sep-27-19 01:57			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Benzene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200		
Toluene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200		
Ethylbenzene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200		
m,p-Xylenes		<0.00402	0.00402	<0.00397	0.00397	<0.00400	0.00400		
o-Xylene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200		
Total Xylenes		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200		
Total BTEX		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200		
Chloride by EPA 300	*Extracted:*	Sep-26-19 12:40		Sep-26-19 12:50		Sep-26-19 12:50			
	Analyzed:	Sep-26-19 23:34		Sep-26-19 17:20		Sep-26-19 15:51			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Chloride		93.5	4.95	<5.03	5.03	<4.96	4.96		
TPH By SW8015 Mod	*Extracted:*	Sep-26-19 17:00		Sep-26-19 17:00		Sep-26-19 15:00			
	Analyzed:	Sep-27-19 03:33		Sep-27-19 03:54		Sep-27-19 12:18			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<49.9	49.9	<49.9	49.9		
Diesel Range Organics (DRO)		<49.8	49.8	<49.9	49.9	<49.9	49.9		
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<49.9	49.9	<49.9	49.9		
Total TPH		<49.8	49.8	<49.9	49.9	<49.9	49.9		

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Jessica Kramer
Project Assistant

Analytical Report 638034

for

Tetra Tech- Midland

Project Manager: Mike Carmona

EOG-Neptune 202 Layflat Release

212C-MD-01841

30-SEP-19

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142), North Carolina (681)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

30-SEP-19

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

Reference: XENCO Report No(s): **638034**
EOG-Neptune 202 Layflat Release
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 XENCO Report Number(s) 638034. 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 XENCO Laboratories. 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. 638034 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 XENCO Laboratories 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 Assistant

Sample Cross Reference 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Bottom Hole 1 (2'BEB)	S	09-23-19 00:00		638034-001
Bottom Hole 2 (4'BEB)	S	09-23-19 00:00		638034-002
Bottom Hole 3 (4'BEB)	S	09-23-19 00:00		638034-003
Bottom Hole 4 (4'BEB)	S	09-23-19 00:00		638034-004
Bottom Hole 5 (4'BEB)	S	09-23-19 00:00		638034-005
Bottom Hole 6 (3'BEB)	S	09-23-19 00:00		638034-006
Bottom Hole 7 (3'BEB)	S	09-23-19 00:00		638034-007
Bottom Hole 8 (3'BEB)	S	09-23-19 00:00		638034-008
Bottom Hole 9 (3'BEB)	S	09-23-19 00:00		638034-009
Bottom Hole 10 (3'BEB)	S	09-23-19 00:00		638034-010
Bottom Hole 11 (3'BEB)	S	09-23-19 00:00		638034-011
Bottom Hole 12 (3'BEB)	S	09-23-19 00:00		638034-012
Bottom Hole 13 (3'BEB)	S	09-23-19 00:00		638034-013
Bottom Hole 14 (3'BEB)	S	09-23-19 00:00		638034-014
Bottom Hole 15 (3'BEB)	S	09-23-19 00:00		638034-015
Bottom Hole 16 (3'BEB)	S	09-23-19 00:00		638034-016
Bottom Hole 17 (3'BEB)	S	09-23-19 00:00		638034-017
Bottom Hole 18 (3'BEB)	S	09-23-19 00:00		638034-018
Bottom Hole 19 (3'BEB)	S	09-23-19 00:00		638034-019
Bottom Hole 20 (3'BEB)	S	09-23-19 00:00		638034-020
Bottom Hole 21 (3'BEB)	S	09-23-19 00:00		638034-021
Bottom Hole 22 (3'BEB)	S	09-23-19 00:00		638034-022
Bottom Hole 23 (3'BEB)	S	09-23-19 00:00		638034-023
Bottom Hole 24 (3'BEB)	S	09-23-19 00:00		638034-024
Bottom Hole 25 (3'BEB)	S	09-23-19 00:00		638034-025
Bottom Hole 26 (3'BEB)	S	09-23-19 00:00		638034-026
Bottom Hole 27 (4'BEB)	S	09-24-19 00:00		638034-027
Bottom Hole 28 (4'BEB)	S	09-24-19 00:00		638034-028
Bottom Hole 29 (4'BEB)	S	09-24-19 00:00		638034-029
Bottom Hole 30 (4'BEB)	S	09-24-19 00:00		638034-030
Bottom Hole 31 (3'BEB)	S	09-24-19 00:00		638034-031
Bottom Hole 32 (3'BEB)	S	09-24-19 00:00		638034-032
Bottom Hole 33 (3'BEB)	S	09-24-19 00:00		638034-033
Bottom Hole 34 (3'BEB)	S	09-24-19 00:00		638034-034
Bottom Hole 35 (4'BEB)	S	09-24-19 00:00		638034-035
Bottom Hole 36 (4'BEB)	S	09-24-19 00:00		638034-036
Bottom Hole 37 (4'BEB)	S	09-24-19 00:00		638034-037
Bottom Hole 38 (4'BEB)	S	09-24-19 00:00		638034-038
Bottom Hole 39 (4'BEB)	S	09-24-19 00:00		638034-039
Bottom Hole 40 (2'BEB)	S	09-24-19 00:00		638034-040
Bottom Hole 41 (2'BEB)	S	09-23-19 00:00		638034-041
Bottom Hole 42 (2'BEB)	S	09-24-19 00:00		638034-042
Bottom Hole 43 (2'BEB)	S	09-24-19 00:00		638034-043

Sample Cross Reference 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Bottom Hole 44 (2'BEB)	S	09-24-19 00:00	638034-044
Bottom Hole 45 (2'BEB)	S	09-24-19 00:00	638034-045
Bottom Hole 46 (2'BEB)	S	09-24-19 00:00	638034-046
Bottom Hole 47 (2'BEB)	S	09-24-19 00:00	638034-047
Bottom Hole 48 (2'BEB)	S	09-24-19 00:00	638034-048
Bottom Hole 49 (2'BEB)	S	09-24-19 00:00	638034-049
Bottom Hole 50 (2'BEB)	S	09-24-19 00:00	638034-050
Bottom Hole 51 (2'BEB)	S	09-24-19 00:00	638034-051
Bottom Hole 52 (4'BEB)	S	09-24-19 00:00	638034-052
Bottom Hole 53 (4'BEB)	S	09-24-19 00:00	638034-053
Bottom Hole 54 (4'BEB)	S	09-25-19 00:00	638034-054
Bottom Hole 55 (4'BEB)	S	09-25-19 00:00	638034-055
Bottom Hole 56 (4'BEB)	S	09-25-19 00:00	638034-056
Bottom Hole 57 (4'BEB)	S	09-25-19 00:00	638034-057
Bottom Hole 58 (4'BEB)	S	09-25-19 00:00	638034-058
Bottom Hole 59 (4'BEB)	S	09-25-19 00:00	638034-059
Bottom Hole 62 (4'BEB)	S	09-25-19 00:00	638034-060
Bottom Hole 61 (4'BEB)	S	09-25-19 00:00	638034-061
N1SW	S	09-23-19 00:00	638034-062
N2SW	S	09-23-19 00:00	638034-063
N3SW	S	09-23-19 00:00	638034-064
N4SW	S	09-23-19 00:00	638034-065
S1SW	S	09-23-19 00:00	638034-066
S2SW	S	09-24-19 00:00	638034-067
S3SW	S	09-24-19 00:00	638034-068
S4SW	S	09-24-19 00:00	638034-069
S5SW	S	09-24-19 00:00	638034-070
E1SW	S	09-23-19 00:00	638034-071
E2SW	S	09-23-19 00:00	638034-072
E3SW	S	09-23-19 00:00	638034-073
E4SW	S	09-23-19 00:00	638034-074
E5SW	S	09-24-19 00:00	638034-075
E6SW	S	09-24-19 00:00	638034-076
E7SW	S	09-24-19 00:00	638034-077
W1SW	S	09-23-19 00:00	638034-078
W2SW	S	09-23-19 00:00	638034-079
W3SW	S	09-24-19 00:00	638034-080
W4SW	S	09-23-19 00:00	638034-081

CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: EOG-Neptune 202 Layflat Release

Project ID: *212C-MD-01841*
Work Order Number(s): *638034*

Report Date: *30-SEP-19*
Date Received: *09/25/2019*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3102636 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.
Lab Sample ID 638034-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD).
Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 638034-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019, -020.
The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

Benzene, Ethylbenzene, Toluene, 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: 638034-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019, -020

Batch: LBA-3102642 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.
Surrogate 4-Bromofluorobenzene recovered above QC limits. Samples affected are: 7686825-1-BKS,637816-001 S,637816-001 SD.

CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: EOG-Neptune 202 Layflat Release

Project ID: *212C-MD-01841*
Work Order Number(s): *638034*

Report Date: *30-SEP-19*
Date Received: *09/25/2019*

Batch: LBA-3102729 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.
Surrogate 4-Bromofluorobenzene recovered above QC limits. Samples affected are: 7686980-1-BSD,638034-063,638034-065,638034-076,638034-077,638034-062,638034-066.

Benzene, Ethylbenzene, Toluene, 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: 638034-061, -062, -063, -064, -065, -066, -067, -068, -069, -070, -071, -072, -073, -074, -075, -076, -077, -078, -079, -080

Lab Sample ID 638034-061 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD).
Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 638034-061, -062, -063, -064, -065, -066, -067, -068, -069, -070, -071, -072, -073, -074, -075, -076, -077, -078, -079, -080.
The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3102744 BTEX by EPA 8021B
Ethylbenzene, Toluene, 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: 638034-021, -022, -023, -024, -025, -026, -027, -028, -029, -030, -031, -032, -033, -034, -035, -036, -037, -038, -039, -040

Lab Sample ID 638034-021 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD).
Benzene, Ethylbenzene, o-Xylene recovered below QC limits in the Matrix Spike. Toluene, m,p-Xylenes recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 638034-021, -022, -023, -024, -025, -026, -027, -028, -029, -030, -031, -032, -033, -034, -035, -036, -037, -038, -039, -040.
The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3102745 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: EOG-Neptune 202 Layflat Release

Project ID: *212C-MD-01841*
Work Order Number(s): *638034*

Report Date: *30-SEP-19*
Date Received: *09/25/2019*

Batch: LBA-3102746 Chloride by EPA 300
Lab Sample ID 638034-031 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered below QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 638034-021, -022, -023, -024, -025, -026, -027, -028, -029, -030, -031, -032, -033, -034, -035, -036, -037, -038, -039, -040.
The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3102789 TPH By SW8015 Mod
Surrogate 1-Chlorooctane recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 638034-061 S,638034-061 SD.

Lab Sample ID 638034-061 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Diesel Range Organics (DRO) recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 638034-061, -062, -063, -064, -065, -066, -067, -068, -069, -070, -071, -072, -073, -074, -075, -076, -077, -078, -079, -080.
The Laboratory Control Sample for Diesel Range Organics (DRO) is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3102798 TPH By SW8015 Mod
Surrogate o-Terphenyl recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 638034-001 S,638034-001 SD.
Surrogate 1-Chlorooctane recovered above QC limits Data confirmed by re-analysis. Samples affected are: 7686994-1-BKS,7686994-1-BSD,638034-001 S,638034-001 SD.

CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: EOG-Neptune 202 Layflat Release

Project ID: *212C-MD-01841*
Work Order Number(s): *638034*

Report Date: *30-SEP-19*
Date Received: *09/25/2019*

Batch: LBA-3102800 TPH By SW8015 Mod
Surrogate 1-Chlorooctane, Surrogate o-Terphenyl recovered below QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 638034-021 S,638034-031.

Lab Sample ID 638034-021 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Diesel Range Organics (DRO), Gasoline Range Hydrocarbons (GRO) recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 638034-021, -022, -023, -024, -025, -026, -027, -028, -029, -030, -031, -032, -033, -034, -035, -036, -037, -038, -039, -040.
Analyst did not spike MS/MSD in error. The Laboratory Control Sample for Gasoline Range Hydrocarbons (GRO), Diesel Range Organics (DRO) is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3102801 TPH By SW8015 Mod
Surrogate o-Terphenyl recovered above QC limits Samples affected are: 7686997-1-BKS,7686997-1-BSD.
Surrogate 1-Chlorooctane recovered above QC limits Samples affected are: 7686997-1-BKS,7686997-1-BSD,638034-041 S,638034-041 SD,638034-059.

Batch: LBA-3102818 TPH By SW8015 Mod
Surrogate 1-Chlorooctane, Surrogate o-Terphenyl recovered above QC limits Data confirmed by re-analysis. Samples affected are: 7686991-1-BKS,7686991-1-BSD,637658-001 S,637658-001 SD.

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 1 (2'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-001 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**11.1**	4.96	mg/kg	09.26.19 12.21		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 10.24	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 10.24	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 10.24	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 10.24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-135	09.26.19 10.24	
o-Terphenyl	84-15-1	111	%	70-135	09.26.19 10.24	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 1 (2'BEB)**
Lab Sample Id: 638034-001

Matrix: Soil
Date Collected: 09.23.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102636

Date Prep: 09.26.19 14.00

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.26.19 13.03	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.26.19 13.03	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.26.19 13.03	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.26.19 13.03	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.26.19 13.03	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.26.19 13.03	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.26.19 13.03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	97	%	70-130	09.26.19 13.03	
1,4-Difluorobenzene	540-36-3	99	%	70-130	09.26.19 13.03	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 2 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-002 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**237**	4.98	mg/kg	09.26.19 12.40		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 11.23	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 11.23	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 11.23	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 11.23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	112	%	70-135	09.26.19 11.23	
o-Terphenyl	84-15-1	111	%	70-135	09.26.19 11.23	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 2 (4'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-002	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.00	Basis:	Wet Weight
Seq Number:	3102636				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.26.19 13.23	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.26.19 13.23	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.26.19 13.23	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.26.19 13.23	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.26.19 13.23	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.26.19 13.23	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.26.19 13.23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.26.19 13.23	
4-Bromofluorobenzene	460-00-4	103	%	70-130	09.26.19 13.23	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 3 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-003 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**15.6**	5.00	mg/kg	09.26.19 12.47		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 11.42	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 11.42	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 11.42	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 11.42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-135	09.26.19 11.42	
o-Terphenyl	84-15-1	102	%	70-135	09.26.19 11.42	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 3 (4'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-003	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.00	Basis:	Wet Weight
Seq Number:	3102636				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.26.19 13.43	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.26.19 13.43	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.26.19 13.43	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.26.19 13.43	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.26.19 13.43	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.26.19 13.43	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.26.19 13.43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	09.26.19 13.43	
1,4-Difluorobenzene	540-36-3	103	%	70-130	09.26.19 13.43	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 4 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-004 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**19.5**	4.95	mg/kg	09.26.19 12.53		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 12.02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 12.02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 12.02	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 12.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-135	09.26.19 12.02	
o-Terphenyl	84-15-1	106	%	70-135	09.26.19 12.02	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 4 (4'BEB)**
Lab Sample Id: 638034-004

Matrix: Soil
Date Collected: 09.23.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102636

Date Prep: 09.26.19 14.00

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.26.19 14.04	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.26.19 14.04	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.26.19 14.04	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.26.19 14.04	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.26.19 14.04	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.26.19 14.04	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.26.19 14.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	92	%	70-130	09.26.19 14.04	
1,4-Difluorobenzene	540-36-3	99	%	70-130	09.26.19 14.04	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 5 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-005 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**27.8**	5.05	mg/kg	09.26.19 12.59		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 12.21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 12.21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 12.21	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 12.21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-135	09.26.19 12.21	
o-Terphenyl	84-15-1	102	%	70-135	09.26.19 12.21	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 5 (4'BEB)**
Lab Sample Id: 638034-005

Matrix: Soil
Date Collected: 09.23.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102636

Date Prep: 09.26.19 14.00

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.26.19 14.24	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.26.19 14.24	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.26.19 14.24	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.26.19 14.24	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.26.19 14.24	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.26.19 14.24	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.26.19 14.24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	93	%	70-130	09.26.19 14.24	
1,4-Difluorobenzene	540-36-3	100	%	70-130	09.26.19 14.24	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 6 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-006 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**127**	5.05	mg/kg	09.26.19 13.18		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 12.41	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 12.41	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 12.41	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 12.41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-135	09.26.19 12.41	
o-Terphenyl	84-15-1	100	%	70-135	09.26.19 12.41	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 6 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-006	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.00	Basis:	Wet Weight
Seq Number:	3102636				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.26.19 14.44	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.26.19 14.44	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.26.19 14.44	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.26.19 14.44	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.26.19 14.44	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.26.19 14.44	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.26.19 14.44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	70-130	09.26.19 14.44	
1,4-Difluorobenzene	540-36-3	94	%	70-130	09.26.19 14.44	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 7 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-007 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**80.9**	4.99	mg/kg	09.26.19 13.25		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 13.01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 13.01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 13.01	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 13.01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-135	09.26.19 13.01	
o-Terphenyl	84-15-1	104	%	70-135	09.26.19 13.01	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 7 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-007	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.00	Basis:	Wet Weight
Seq Number:	3102636				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.26.19 15.04	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.26.19 15.04	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.26.19 15.04	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.26.19 15.04	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.26.19 15.04	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.26.19 15.04	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.26.19 15.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	94	%	70-130	09.26.19 15.04	
1,4-Difluorobenzene	540-36-3	100	%	70-130	09.26.19 15.04	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 8 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-008 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**64.4**	4.95	mg/kg	09.26.19 13.31		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 13.20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 13.20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 13.20	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 13.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-135	09.26.19 13.20	
o-Terphenyl	84-15-1	107	%	70-135	09.26.19 13.20	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 8 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-008	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.00	Basis:	Wet Weight
Seq Number:	3102636				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.26.19 15.24	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.26.19 15.24	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.26.19 15.24	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	09.26.19 15.24	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.26.19 15.24	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.26.19 15.24	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.26.19 15.24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	09.26.19 15.24	
1,4-Difluorobenzene	540-36-3	103	%	70-130	09.26.19 15.24	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 9 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-009 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**143**	5.02	mg/kg	09.26.19 13.37		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.26.19 13.40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.26.19 13.40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.26.19 13.40	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.26.19 13.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-135	09.26.19 13.40	
o-Terphenyl	84-15-1	106	%	70-135	09.26.19 13.40	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 9 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-009	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.00	Basis:	Wet Weight
Seq Number:	3102636				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.26.19 15.44	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.26.19 15.44	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.26.19 15.44	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	09.26.19 15.44	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.26.19 15.44	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.26.19 15.44	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.26.19 15.44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	09.26.19 15.44	
1,4-Difluorobenzene	540-36-3	103	%	70-130	09.26.19 15.44	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 10 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-010 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**52.9**	5.00	mg/kg	09.26.19 13.44		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 14.00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 14.00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 14.00	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 14.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-135	09.26.19 14.00	
o-Terphenyl	84-15-1	103	%	70-135	09.26.19 14.00	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 10 (3'BEB)**
Lab Sample Id: 638034-010

Matrix: Soil
Date Collected: 09.23.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102636

Date Prep: 09.26.19 14.00

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.26.19 16.04	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.26.19 16.04	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.26.19 16.04	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	09.26.19 16.04	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.26.19 16.04	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.26.19 16.04	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.26.19 16.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	09.26.19 16.04	
4-Bromofluorobenzene	460-00-4	101	%	70-130	09.26.19 16.04	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 11 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-011 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	09.26.19 13.50	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 14.39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 14.39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 14.39	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 14.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	110	%	70-135	09.26.19 14.39	
o-Terphenyl	84-15-1	111	%	70-135	09.26.19 14.39	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 11 (3'BEB)**
Lab Sample Id: 638034-011

Matrix: Soil
Date Collected: 09.23.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102636

Date Prep: 09.26.19 14.00

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.26.19 17.23	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.26.19 17.23	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.26.19 17.23	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	09.26.19 17.23	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.26.19 17.23	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.26.19 17.23	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.26.19 17.23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	70-130	09.26.19 17.23	
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.26.19 17.23	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 12 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-012 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**16.8**	4.98	mg/kg	09.26.19 14.09		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 14.59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 14.59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 14.59	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 14.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-135	09.26.19 14.59	
o-Terphenyl	84-15-1	102	%	70-135	09.26.19 14.59	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 12 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-012	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.00	Basis:	Wet Weight
Seq Number:	3102636				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.26.19 17.43	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.26.19 17.43	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.26.19 17.43	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.26.19 17.43	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.26.19 17.43	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.26.19 17.43	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.26.19 17.43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.26.19 17.43	
4-Bromofluorobenzene	460-00-4	99	%	70-130	09.26.19 17.43	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 13 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-013 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**212**	5.01	mg/kg	09.26.19 14.16		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 15.19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 15.19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 15.19	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 15.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-135	09.26.19 15.19	
o-Terphenyl	84-15-1	104	%	70-135	09.26.19 15.19	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 13 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-013 Date Collected: 09.23.19 00.00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: KTL % Moisture:

Analyst: KTL Date Prep: 09.26.19 14.00 Basis: Wet Weight

Seq Number: 3102636

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.26.19 18.03	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.26.19 18.03	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.26.19 18.03	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.26.19 18.03	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.26.19 18.03	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.26.19 18.03	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.26.19 18.03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	100	%	70-130	09.26.19 18.03	
1,4-Difluorobenzene	540-36-3	104	%	70-130	09.26.19 18.03	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 14 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-014 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**99.1**	5.05	mg/kg	09.26.19 14.35		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 15.38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 15.38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 15.38	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 15.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	115	%	70-135	09.26.19 15.38	
o-Terphenyl	84-15-1	112	%	70-135	09.26.19 15.38	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 14 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-014	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.00	Basis:	Wet Weight
Seq Number:	3102636				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.26.19 18.23	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.26.19 18.23	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.26.19 18.23	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	09.26.19 18.23	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.26.19 18.23	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.26.19 18.23	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.26.19 18.23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	70-130	09.26.19 18.23	
1,4-Difluorobenzene	540-36-3	102	%	70-130	09.26.19 18.23	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 15 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-015 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8.19**	5.00	mg/kg	09.26.19 14.41		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.26.19 15.58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.26.19 15.58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.26.19 15.58	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.26.19 15.58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	118	%	70-135	09.26.19 15.58	
o-Terphenyl	84-15-1	113	%	70-135	09.26.19 15.58	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 15 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-015	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.00	Basis:	Wet Weight
Seq Number:	3102636				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.26.19 18.43	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.26.19 18.43	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.26.19 18.43	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.26.19 18.43	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.26.19 18.43	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.26.19 18.43	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.26.19 18.43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	108	%	70-130	09.26.19 18.43	
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.26.19 18.43	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 16 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-016 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**109**	5.00	mg/kg	09.26.19 14.47		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 16.18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 16.18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 16.18	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 16.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-135	09.26.19 16.18	
o-Terphenyl	84-15-1	103	%	70-135	09.26.19 16.18	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 16 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-016	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.00	Basis:	Wet Weight
Seq Number:	3102636				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.26.19 19.03	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.26.19 19.03	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.26.19 19.03	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.26.19 19.03	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.26.19 19.03	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.26.19 19.03	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.26.19 19.03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	09.26.19 19.03	
1,4-Difluorobenzene	540-36-3	100	%	70-130	09.26.19 19.03	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 17 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-017 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**168**	5.00	mg/kg	09.26.19 14.54		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 16.37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 16.37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 16.37	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 16.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-135	09.26.19 16.37	
o-Terphenyl	84-15-1	104	%	70-135	09.26.19 16.37	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 17 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-017	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.00	Basis:	Wet Weight
Seq Number:	3102636				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.26.19 19.23	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.26.19 19.23	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.26.19 19.23	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.26.19 19.23	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.26.19 19.23	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.26.19 19.23	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.26.19 19.23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	100	%	70-130	09.26.19 19.23	
4-Bromofluorobenzene	460-00-4	96	%	70-130	09.26.19 19.23	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 18 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-018 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**77.7**	5.02	mg/kg	09.26.19 15.00		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 16.57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 16.57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 16.57	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 16.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-135	09.26.19 16.57	
o-Terphenyl	84-15-1	106	%	70-135	09.26.19 16.57	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 18 (3'BEB)**
Lab Sample Id: 638034-018

Matrix: Soil
Date Collected: 09.23.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102636

Date Prep: 09.26.19 14.00

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.26.19 19.43	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.26.19 19.43	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.26.19 19.43	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.26.19 19.43	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.26.19 19.43	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.26.19 19.43	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.26.19 19.43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.26.19 19.43	
4-Bromofluorobenzene	460-00-4	102	%	70-130	09.26.19 19.43	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 19 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-019 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**242**	4.98	mg/kg	09.26.19 15.06		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 17.17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 17.17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 17.17	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 17.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-135	09.26.19 17.17	
o-Terphenyl	84-15-1	102	%	70-135	09.26.19 17.17	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 19 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-019	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.00	Basis:	Wet Weight
Seq Number:	3102636				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.26.19 20.04	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.26.19 20.04	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.26.19 20.04	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	09.26.19 20.04	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.26.19 20.04	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.26.19 20.04	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.26.19 20.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.26.19 20.04	
4-Bromofluorobenzene	460-00-4	104	%	70-130	09.26.19 20.04	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 20 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-020 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.15 Basis: Wet Weight

Seq Number: 3102579

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**199**	5.00	mg/kg	09.26.19 15.13		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 09.00 Basis: Wet Weight

Seq Number: 3102798

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 17.36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 17.36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 17.36	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 17.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-135	09.26.19 17.36	
o-Terphenyl	84-15-1	102	%	70-135	09.26.19 17.36	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 20 (3'BEB)**
Lab Sample Id: 638034-020

Matrix: Soil
Date Collected: 09.23.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102636

Date Prep: 09.26.19 14.00

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.26.19 20.24	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.26.19 20.24	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.26.19 20.24	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.26.19 20.24	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.26.19 20.24	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.26.19 20.24	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.26.19 20.24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	09.26.19 20.24	
4-Bromofluorobenzene	460-00-4	114	%	70-130	09.26.19 20.24	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 21 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-021 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**5.81**	4.95	mg/kg	09.26.19 15.39		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.26.19 19.14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.26.19 19.14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.26.19 19.14	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.26.19 19.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	112	%	70-135	09.26.19 19.14	
o-Terphenyl	84-15-1	108	%	70-135	09.26.19 19.14	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 21 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-021	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.15	Basis:	Wet Weight
Seq Number:	3102744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.27.19 11.59	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.27.19 11.59	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.27.19 11.59	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.27.19 11.59	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.27.19 11.59	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.27.19 11.59	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.27.19 11.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	97	%	70-130	09.27.19 11.59	
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.27.19 11.59	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 22 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-022 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**86.3**	5.03	mg/kg	09.27.19 08.11		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 20.13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 20.13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 20.13	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 20.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	109	%	70-135	09.26.19 20.13	
o-Terphenyl	84-15-1	107	%	70-135	09.26.19 20.13	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 22 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-022	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.15	Basis:	Wet Weight
Seq Number:	3102744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.27.19 12.19	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.27.19 12.19	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.27.19 12.19	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.27.19 12.19	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.27.19 12.19	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.27.19 12.19	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.27.19 12.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	09.27.19 12.19	
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.27.19 12.19	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 23 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-023 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**51.4**	4.98	mg/kg	09.26.19 15.21		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 20.32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 20.32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 20.32	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 20.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-135	09.26.19 20.32	
o-Terphenyl	84-15-1	106	%	70-135	09.26.19 20.32	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 23 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-023	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.15	Basis:	Wet Weight
Seq Number:	3102744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.19 12.39	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.19 12.39	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.19 12.39	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	09.27.19 12.39	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.19 12.39	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.19 12.39	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.19 12.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	09.27.19 12.39	
1,4-Difluorobenzene	540-36-3	100	%	70-130	09.27.19 12.39	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 24 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-024 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**188**	5.02	mg/kg	09.26.19 15.27		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 20.52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 20.52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 20.52	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 20.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	109	%	70-135	09.26.19 20.52	
o-Terphenyl	84-15-1	108	%	70-135	09.26.19 20.52	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 24 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-024	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.15	Basis:	Wet Weight
Seq Number:	3102744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.27.19 12.59	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.27.19 12.59	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.27.19 12.59	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	09.27.19 12.59	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.27.19 12.59	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.27.19 12.59	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.27.19 12.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	09.27.19 12.59	
4-Bromofluorobenzene	460-00-4	94	%	70-130	09.27.19 12.59	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 25 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-025 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**15.1**	5.05	mg/kg	09.26.19 15.33		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.26.19 21.11	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.26.19 21.11	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.26.19 21.11	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.26.19 21.11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	118	%	70-135	09.26.19 21.11	
o-Terphenyl	84-15-1	114	%	70-135	09.26.19 21.11	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 25 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-025	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.15	Basis:	Wet Weight
Seq Number:	3102744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.19 13.19	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.19 13.19	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.19 13.19	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	09.27.19 13.19	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.19 13.19	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.19 13.19	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.19 13.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.27.19 13.19	
4-Bromofluorobenzene	460-00-4	99	%	70-130	09.27.19 13.19	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 26 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-026 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**13.9**	5.00	mg/kg	09.26.19 16.07		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 21.30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 21.30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 21.30	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 21.30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	118	%	70-135	09.26.19 21.30	
o-Terphenyl	84-15-1	115	%	70-135	09.26.19 21.30	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 26 (3'BEB)**
Lab Sample Id: 638034-026

Matrix: Soil
Date Collected: 09.23.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102744

Date Prep: 09.26.19 14.15

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.27.19 13.40	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.27.19 13.40	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.27.19 13.40	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.27.19 13.40	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.27.19 13.40	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.27.19 13.40	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.27.19 13.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	100	%	70-130	09.27.19 13.40	
4-Bromofluorobenzene	460-00-4	100	%	70-130	09.27.19 13.40	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 27 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-027 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**92.5**	4.98	mg/kg	09.26.19 16.13		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 21.49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 21.49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 21.49	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 21.49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	122	%	70-135	09.26.19 21.49	
o-Terphenyl	84-15-1	119	%	70-135	09.26.19 21.49	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 27 (4'BEB)**
Lab Sample Id: 638034-027

Matrix: Soil
Date Collected: 09.24.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102744

Date Prep: 09.26.19 14.15

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.27.19 14.00	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.27.19 14.00	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.27.19 14.00	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	09.27.19 14.00	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.27.19 14.00	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.27.19 14.00	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.27.19 14.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	95	%	70-130	09.27.19 14.00	
1,4-Difluorobenzene	540-36-3	95	%	70-130	09.27.19 14.00	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 28 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-028 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**5.89**	5.04	mg/kg	09.26.19 16.19		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 22.08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 22.08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 22.08	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 22.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	116	%	70-135	09.26.19 22.08	
o-Terphenyl	84-15-1	114	%	70-135	09.26.19 22.08	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 28 (4'BEB)**
Lab Sample Id: 638034-028

Matrix: Soil
Date Collected: 09.24.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102744

Date Prep: 09.26.19 14.15

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.27.19 14.20	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.27.19 14.20	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.27.19 14.20	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	09.27.19 14.20	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.27.19 14.20	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.27.19 14.20	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.27.19 14.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	100	%	70-130	09.27.19 14.20	
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.27.19 14.20	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 29 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-029 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**9.05**	4.98	mg/kg	09.26.19 16.25		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 22.28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 22.28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 22.28	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 22.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	121	%	70-135	09.26.19 22.28	
o-Terphenyl	84-15-1	114	%	70-135	09.26.19 22.28	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 29 (4'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-029	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.15	Basis:	Wet Weight
Seq Number:	3102744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.19 14.40	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.19 14.40	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.19 14.40	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.27.19 14.40	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.19 14.40	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.19 14.40	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.19 14.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	103	%	70-130	09.27.19 14.40	
4-Bromofluorobenzene	460-00-4	101	%	70-130	09.27.19 14.40	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 30 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-030 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**193**	4.96	mg/kg	09.26.19 16.31		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 22.47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 22.47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 22.47	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 22.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-135	09.26.19 22.47	
o-Terphenyl	84-15-1	108	%	70-135	09.26.19 22.47	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 30 (4'BEB)**
Lab Sample Id: 638034-030

Matrix: Soil
Date Collected: 09.24.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102744

Date Prep: 09.26.19 14.15

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.27.19 15.00	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.27.19 15.00	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.27.19 15.00	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.27.19 15.00	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.27.19 15.00	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.27.19 15.00	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.27.19 15.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	09.27.19 15.00	
4-Bromofluorobenzene	460-00-4	101	%	70-130	09.27.19 15.00	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 31 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-031 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**203**	5.05	mg/kg	09.26.19 16.37		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 23.26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 23.26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 23.26	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 23.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	2	%	70-135	09.26.19 23.26	**
o-Terphenyl	84-15-1	3	%	70-135	09.26.19 23.26	**

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 31 (3'BEB)**
Lab Sample Id: 638034-031

Matrix: Soil
Date Collected: 09.24.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102744

Date Prep: 09.26.19 14.15

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.27.19 16.18	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.27.19 16.18	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.27.19 16.18	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	09.27.19 16.18	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.27.19 16.18	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.27.19 16.18	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.27.19 16.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	95	%	70-130	09.27.19 16.18	
1,4-Difluorobenzene	540-36-3	100	%	70-130	09.27.19 16.18	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 32 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-032 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**20.9**	5.00	mg/kg	09.27.19 08.17		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 23.45	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 23.45	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 23.45	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 23.45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	109	%	70-135	09.26.19 23.45	
o-Terphenyl	84-15-1	106	%	70-135	09.26.19 23.45	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 32 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-032	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.15	Basis:	Wet Weight
Seq Number:	3102744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.27.19 16.39	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.27.19 16.39	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.27.19 16.39	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.27.19 16.39	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.27.19 16.39	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.27.19 16.39	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.27.19 16.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	99	%	70-130	09.27.19 16.39	
1,4-Difluorobenzene	540-36-3	102	%	70-130	09.27.19 16.39	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 33 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-033 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**20.7**	5.02	mg/kg	09.26.19 17.02		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.27.19 00.04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.27.19 00.04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.27.19 00.04	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.27.19 00.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	114	%	70-135	09.27.19 00.04	
o-Terphenyl	84-15-1	114	%	70-135	09.27.19 00.04	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 33 (3'BEB)**
Lab Sample Id: 638034-033

Matrix: Soil
Date Collected: 09.24.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102744

Date Prep: 09.26.19 14.15

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.19 16.59	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.19 16.59	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.19 16.59	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.27.19 16.59	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.19 16.59	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.19 16.59	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.19 16.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	86	%	70-130	09.27.19 16.59	
4-Bromofluorobenzene	460-00-4	89	%	70-130	09.27.19 16.59	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 34 (3'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-034 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**18.4**	4.98	mg/kg	09.26.19 17.20		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 00.24	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 00.24	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 00.24	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 00.24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	115	%	70-135	09.27.19 00.24	
o-Terphenyl	84-15-1	111	%	70-135	09.27.19 00.24	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 34 (3'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-034	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.15	Basis:	Wet Weight
Seq Number:	3102744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.27.19 17.19	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.27.19 17.19	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.27.19 17.19	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.27.19 17.19	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.27.19 17.19	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.27.19 17.19	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.27.19 17.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	09.27.19 17.19	
4-Bromofluorobenzene	460-00-4	102	%	70-130	09.27.19 17.19	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 35 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-035 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**129**	5.04	mg/kg	09.26.19 17.26		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 00.43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 00.43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 00.43	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 00.43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	109	%	70-135	09.27.19 00.43	
o-Terphenyl	84-15-1	104	%	70-135	09.27.19 00.43	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 35 (4'BEB)**
Lab Sample Id: 638034-035

Matrix: Soil
Date Collected: 09.24.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102744

Date Prep: 09.26.19 14.15

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.27.19 17.39	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.27.19 17.39	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.27.19 17.39	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.27.19 17.39	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.27.19 17.39	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.27.19 17.39	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.27.19 17.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	70-130	09.27.19 17.39	
1,4-Difluorobenzene	540-36-3	102	%	70-130	09.27.19 17.39	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 36 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-036 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**11.5**	5.05	mg/kg	09.26.19 17.32		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.27.19 01.02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.27.19 01.02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.27.19 01.02	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.27.19 01.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	114	%	70-135	09.27.19 01.02	
o-Terphenyl	84-15-1	110	%	70-135	09.27.19 01.02	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 36 (4'BEB)**
Lab Sample Id: 638034-036

Matrix: Soil
Date Collected: 09.24.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102744

Date Prep: 09.26.19 14.15

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.27.19 17.59	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.27.19 17.59	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.27.19 17.59	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.27.19 17.59	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.27.19 17.59	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.27.19 17.59	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.27.19 17.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	09.27.19 17.59	
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.27.19 17.59	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 37 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-037 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**261**	5.05	mg/kg	09.26.19 17.38		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.27.19 01.22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.27.19 01.22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.27.19 01.22	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.27.19 01.22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	116	%	70-135	09.27.19 01.22	
o-Terphenyl	84-15-1	112	%	70-135	09.27.19 01.22	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 37 (4'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-037	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.15	Basis:	Wet Weight
Seq Number:	3102744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.27.19 18.19	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.27.19 18.19	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.27.19 18.19	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.27.19 18.19	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.27.19 18.19	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.27.19 18.19	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.27.19 18.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	09.27.19 18.19	
1,4-Difluorobenzene	540-36-3	100	%	70-130	09.27.19 18.19	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 38 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-038 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**82.9**	4.98	mg/kg	09.26.19 17.44		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 01.41	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 01.41	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 01.41	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 01.41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	113	%	70-135	09.27.19 01.41	
o-Terphenyl	84-15-1	111	%	70-135	09.27.19 01.41	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 38 (4'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-038	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.15	Basis:	Wet Weight
Seq Number:	3102744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.19 18.39	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.19 18.39	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.19 18.39	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.27.19 18.39	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.19 18.39	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.19 18.39	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.19 18.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	09.27.19 18.39	
4-Bromofluorobenzene	460-00-4	99	%	70-130	09.27.19 18.39	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 39 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-039 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**13.2**	4.96	mg/kg	09.26.19 17.50		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.27.19 02.01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.27.19 02.01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.27.19 02.01	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.27.19 02.01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	115	%	70-135	09.27.19 02.01	
o-Terphenyl	84-15-1	112	%	70-135	09.27.19 02.01	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 39 (4'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-039	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.15	Basis:	Wet Weight
Seq Number:	3102744				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.27.19 19.00	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.27.19 19.00	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.27.19 19.00	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.27.19 19.00	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.27.19 19.00	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.27.19 19.00	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.27.19 19.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	09.27.19 19.00	
1,4-Difluorobenzene	540-36-3	100	%	70-130	09.27.19 19.00	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 40 (2'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-040 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 10.35 Basis: Wet Weight

Seq Number: 3102746

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**177**	5.00	mg/kg	09.26.19 17.56		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 10.00 Basis: Wet Weight

Seq Number: 3102800

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 02.20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 02.20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 02.20	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 02.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	121	%	70-135	09.27.19 02.20	
o-Terphenyl	84-15-1	115	%	70-135	09.27.19 02.20	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 40 (2'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-040 Date Collected: 09.24.19 00.00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: KTL % Moisture:

Analyst: KTL Date Prep: 09.26.19 14.15 Basis: Wet Weight

Seq Number: 3102744

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.27.19 19.20	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.27.19 19.20	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.27.19 19.20	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	09.27.19 19.20	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.27.19 19.20	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.27.19 19.20	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.27.19 19.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.27.19 19.20	
4-Bromofluorobenzene	460-00-4	101	%	70-130	09.27.19 19.20	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 41 (2'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-041 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**26.3**	4.98	mg/kg	09.26.19 17.51		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 03.58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 03.58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 03.58	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 03.58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	128	%	70-135	09.27.19 03.58	
o-Terphenyl	84-15-1	120	%	70-135	09.27.19 03.58	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 41 (2'BEB)**
Lab Sample Id: 638034-041

Matrix: Soil
Date Collected: 09.23.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102745

Date Prep: 09.26.19 14.30

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.19 22.38	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.19 22.38	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.19 22.38	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.27.19 22.38	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.19 22.38	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.19 22.38	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.19 22.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	09.27.19 22.38	
1,4-Difluorobenzene	540-36-3	96	%	70-130	09.27.19 22.38	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 42 (2'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-042 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**111**	5.02	mg/kg	09.26.19 18.08		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.27.19 04.57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.27.19 04.57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.27.19 04.57	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.27.19 04.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	113	%	70-135	09.27.19 04.57	
o-Terphenyl	84-15-1	111	%	70-135	09.27.19 04.57	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 42 (2'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-042	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.30	Basis:	Wet Weight
Seq Number:	3102745				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.19 22.58	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.19 22.58	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.19 22.58	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.27.19 22.58	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.19 22.58	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.19 22.58	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.19 22.58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	99	%	70-130	09.27.19 22.58	
1,4-Difluorobenzene	540-36-3	94	%	70-130	09.27.19 22.58	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 43 (2'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-043 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**25.1**	5.00	mg/kg	09.26.19 18.14		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 05.17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 05.17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 05.17	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 05.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	130	%	70-135	09.27.19 05.17	
o-Terphenyl	84-15-1	128	%	70-135	09.27.19 05.17	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 43 (2'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-043	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.30	Basis:	Wet Weight
Seq Number:	3102745				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.19 23.18	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.19 23.18	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.19 23.18	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.27.19 23.18	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.19 23.18	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.19 23.18	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.19 23.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	112	%	70-130	09.27.19 23.18	
1,4-Difluorobenzene	540-36-3	99	%	70-130	09.27.19 23.18	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 44 (2'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-044 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**16.0**	5.05	mg/kg	09.26.19 18.20		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 05.37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 05.37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 05.37	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 05.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	121	%	70-135	09.27.19 05.37	
o-Terphenyl	84-15-1	119	%	70-135	09.27.19 05.37	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 44 (2'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-044	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.30	Basis:	Wet Weight
Seq Number:	3102745				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.19 23.38	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.19 23.38	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.19 23.38	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.27.19 23.38	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.19 23.38	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.19 23.38	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.19 23.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	09.27.19 23.38	
4-Bromofluorobenzene	460-00-4	107	%	70-130	09.27.19 23.38	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 45 (2'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-045 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**81.5**	5.05	mg/kg	09.26.19 18.26		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.27.19 05.56	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.27.19 05.56	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.27.19 05.56	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.27.19 05.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	130	%	70-135	09.27.19 05.56	
o-Terphenyl	84-15-1	126	%	70-135	09.27.19 05.56	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 45 (2'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-045	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.30	Basis:	Wet Weight
Seq Number:	3102745				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.27.19 23.58	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.27.19 23.58	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.27.19 23.58	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.27.19 23.58	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.27.19 23.58	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.27.19 23.58	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.27.19 23.58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	110	%	70-130	09.27.19 23.58	
1,4-Difluorobenzene	540-36-3	96	%	70-130	09.27.19 23.58	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 46 (2'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-046 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**251**	5.00	mg/kg	09.26.19 18.43		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.27.19 06.16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.27.19 06.16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.27.19 06.16	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.27.19 06.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	120	%	70-135	09.27.19 06.16	
o-Terphenyl	84-15-1	120	%	70-135	09.27.19 06.16	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 46 (2'BEB)**
Lab Sample Id: 638034-046

Matrix: Soil
Date Collected: 09.24.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102745

Date Prep: 09.26.19 14.30

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.28.19 00.19	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.28.19 00.19	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.28.19 00.19	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.28.19 00.19	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.28.19 00.19	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.28.19 00.19	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.28.19 00.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	70-130	09.28.19 00.19	
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.28.19 00.19	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 47 (2'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-047 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**117**	4.96	mg/kg	09.26.19 18.49		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.27.19 06.36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.27.19 06.36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.27.19 06.36	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.27.19 06.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	118	%	70-135	09.27.19 06.36	
o-Terphenyl	84-15-1	116	%	70-135	09.27.19 06.36	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 47 (2'BEB)**
Lab Sample Id: 638034-047

Matrix: Soil
Date Collected: 09.24.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102745

Date Prep: 09.26.19 14.30

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.28.19 00.39	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.28.19 00.39	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.28.19 00.39	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.28.19 00.39	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.28.19 00.39	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.28.19 00.39	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.28.19 00.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	09.28.19 00.39	
1,4-Difluorobenzene	540-36-3	97	%	70-130	09.28.19 00.39	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 48 (2'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-048 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.99	4.99	mg/kg	09.26.19 18.55	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 06.56	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 06.56	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 06.56	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 06.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	126	%	70-135	09.27.19 06.56	
o-Terphenyl	84-15-1	125	%	70-135	09.27.19 06.56	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 48 (2'BEB)**
Lab Sample Id: 638034-048

Matrix: Soil
Date Collected: 09.24.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102745

Date Prep: 09.26.19 14.30

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.28.19 00.59	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.28.19 00.59	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.28.19 00.59	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.28.19 00.59	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.28.19 00.59	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.28.19 00.59	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.28.19 00.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	110	%	70-130	09.28.19 00.59	
1,4-Difluorobenzene	540-36-3	97	%	70-130	09.28.19 00.59	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 49 (2'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-049 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8.86**	5.04	mg/kg	09.26.19 19.01		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.27.19 07.15	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.27.19 07.15	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.27.19 07.15	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.27.19 07.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	115	%	70-135	09.27.19 07.15	
o-Terphenyl	84-15-1	111	%	70-135	09.27.19 07.15	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 49 (2'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-049	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.30	Basis:	Wet Weight
Seq Number:	3102745				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.28.19 01.19	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.28.19 01.19	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.28.19 01.19	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.28.19 01.19	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.28.19 01.19	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.28.19 01.19	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.28.19 01.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.28.19 01.19	
4-Bromofluorobenzene	460-00-4	113	%	70-130	09.28.19 01.19	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 50 (2'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-050 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**20.3**	5.00	mg/kg	09.26.19 19.07		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.27.19 07.35	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.27.19 07.35	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.27.19 07.35	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.27.19 07.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	126	%	70-135	09.27.19 07.35	
o-Terphenyl	84-15-1	123	%	70-135	09.27.19 07.35	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 50 (2'BEB)**
Lab Sample Id: 638034-050

Matrix: Soil
Date Collected: 09.24.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102745

Date Prep: 09.26.19 14.30

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.28.19 01.39	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.28.19 01.39	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.28.19 01.39	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.28.19 01.39	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.28.19 01.39	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.28.19 01.39	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.28.19 01.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	113	%	70-130	09.28.19 01.39	
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.28.19 01.39	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 51 (2'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-051 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**27.8**	5.00	mg/kg	09.26.19 19.12		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.27.19 08.14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.27.19 08.14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.27.19 08.14	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.27.19 08.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	130	%	70-135	09.27.19 08.14	
o-Terphenyl	84-15-1	128	%	70-135	09.27.19 08.14	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 51 (2'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-051	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.30	Basis:	Wet Weight
Seq Number:	3102745				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.28.19 02.58	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.28.19 02.58	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.28.19 02.58	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.28.19 02.58	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.28.19 02.58	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.28.19 02.58	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.28.19 02.58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	95	%	70-130	09.28.19 02.58	
1,4-Difluorobenzene	540-36-3	95	%	70-130	09.28.19 02.58	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 52 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-052 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**228**	5.00	mg/kg	09.26.19 19.30		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 08.34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 08.34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 08.34	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 08.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	133	%	70-135	09.27.19 08.34	
o-Terphenyl	84-15-1	129	%	70-135	09.27.19 08.34	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 52 (4'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-052	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.30	Basis:	Wet Weight
Seq Number:	3102745				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.28.19 03.18	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.28.19 03.18	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.28.19 03.18	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.28.19 03.18	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.28.19 03.18	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.28.19 03.18	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.28.19 03.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	09.28.19 03.18	
1,4-Difluorobenzene	540-36-3	95	%	70-130	09.28.19 03.18	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 53 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-053 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**106**	4.96	mg/kg	09.26.19 19.36		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.27.19 08.54	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.27.19 08.54	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.27.19 08.54	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.27.19 08.54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	114	%	70-135	09.27.19 08.54	
o-Terphenyl	84-15-1	106	%	70-135	09.27.19 08.54	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 53 (4'BEB)**
Lab Sample Id: 638034-053

Matrix: Soil
Date Collected: 09.24.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102745

Date Prep: 09.26.19 14.30

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.28.19 03.38	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.28.19 03.38	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.28.19 03.38	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.28.19 03.38	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.28.19 03.38	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.28.19 03.38	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.28.19 03.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	110	%	70-130	09.28.19 03.38	
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.28.19 03.38	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 54 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-054 Date Collected: 09.25.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**103**	5.00	mg/kg	09.26.19 19.53		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 09.14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 09.14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 09.14	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 09.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-135	09.27.19 09.14	
o-Terphenyl	84-15-1	106	%	70-135	09.27.19 09.14	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 54 (4'BEB)**
Lab Sample Id: 638034-054

Matrix: Soil
Date Collected: 09.25.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102745

Date Prep: 09.26.19 14.30

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.28.19 03.58	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.28.19 03.58	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.28.19 03.58	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	09.28.19 03.58	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.28.19 03.58	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.28.19 03.58	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.28.19 03.58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.28.19 03.58	
4-Bromofluorobenzene	460-00-4	108	%	70-130	09.28.19 03.58	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 55 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-055 Date Collected: 09.25.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**23.1**	5.03	mg/kg	09.26.19 19.59		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.27.19 09.34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.27.19 09.34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.27.19 09.34	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.27.19 09.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	131	%	70-135	09.27.19 09.34	
o-Terphenyl	84-15-1	128	%	70-135	09.27.19 09.34	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 55 (4'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-055	Date Collected:	09.25.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.30	Basis:	Wet Weight
Seq Number:	3102745				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.28.19 04.18	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.28.19 04.18	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.28.19 04.18	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.28.19 04.18	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.28.19 04.18	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.28.19 04.18	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.28.19 04.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	09.28.19 04.18	
4-Bromofluorobenzene	460-00-4	114	%	70-130	09.28.19 04.18	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 56 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-056 Date Collected: 09.25.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**108**	4.98	mg/kg	09.26.19 20.05		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.27.19 09.53	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.27.19 09.53	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.27.19 09.53	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.27.19 09.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	123	%	70-135	09.27.19 09.53	
o-Terphenyl	84-15-1	120	%	70-135	09.27.19 09.53	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 56 (4'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-056	Date Collected:	09.25.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.30	Basis:	Wet Weight
Seq Number:	3102745				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.28.19 04.38	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.28.19 04.38	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.28.19 04.38	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	09.28.19 04.38	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.28.19 04.38	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.28.19 04.38	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.28.19 04.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	108	%	70-130	09.28.19 04.38	
1,4-Difluorobenzene	540-36-3	99	%	70-130	09.28.19 04.38	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 57 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-057 Date Collected: 09.25.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**22.9**	5.00	mg/kg	09.26.19 20.11		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.27.19 10.13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.27.19 10.13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.27.19 10.13	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.27.19 10.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	120	%	70-135	09.27.19 10.13	
o-Terphenyl	84-15-1	117	%	70-135	09.27.19 10.13	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 57 (4'BEB)**
Lab Sample Id: 638034-057

Matrix: Soil
Date Collected: 09.25.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102745

Date Prep: 09.26.19 14.30

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.28.19 04.59	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.28.19 04.59	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.28.19 04.59	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.28.19 04.59	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.28.19 04.59	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.28.19 04.59	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.28.19 04.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	109	%	70-130	09.28.19 04.59	
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.28.19 04.59	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 58 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-058 Date Collected: 09.25.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**13.5**	5.00	mg/kg	09.26.19 20.16		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 10.32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 10.32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 10.32	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 10.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	121	%	70-135	09.27.19 10.32	
o-Terphenyl	84-15-1	122	%	70-135	09.27.19 10.32	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 58 (4'BEB)**
Lab Sample Id: 638034-058

Matrix: Soil
Date Collected: 09.25.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102745

Date Prep: 09.26.19 14.30

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.28.19 05.19	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.28.19 05.19	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.28.19 05.19	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.28.19 05.19	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.28.19 05.19	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.28.19 05.19	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.28.19 05.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.28.19 05.19	
4-Bromofluorobenzene	460-00-4	116	%	70-130	09.28.19 05.19	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 59 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-059 Date Collected: 09.25.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**155**	5.05	mg/kg	09.26.19 20.22		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 10.52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 10.52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 10.52	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 10.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	139	%	70-135	09.27.19 10.52	**
o-Terphenyl	84-15-1	132	%	70-135	09.27.19 10.52	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 59 (4'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-059	Date Collected:	09.25.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.30	Basis:	Wet Weight
Seq Number:	3102745				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.28.19 05.39	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.28.19 05.39	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.28.19 05.39	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.28.19 05.39	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.28.19 05.39	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.28.19 05.39	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.28.19 05.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	09.28.19 05.39	
4-Bromofluorobenzene	460-00-4	114	%	70-130	09.28.19 05.39	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 62 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-060 Date Collected: 09.25.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.00 Basis: Wet Weight

Seq Number: 3102748

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**10.7**	4.99	mg/kg	09.26.19 20.28		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.27.19 09.19 Basis: Wet Weight

Seq Number: 3102801

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.27.19 11.12	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.27.19 11.12	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.27.19 11.12	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.27.19 11.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	122	%	70-135	09.27.19 11.12	
o-Terphenyl	84-15-1	118	%	70-135	09.27.19 11.12	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 62 (4'BEB)**
Lab Sample Id: 638034-060

Matrix: Soil
Date Collected: 09.25.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102745

Date Prep: 09.26.19 14.30

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.28.19 05.59	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.28.19 05.59	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.28.19 05.59	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.28.19 05.59	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.28.19 05.59	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.28.19 05.59	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.28.19 05.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	114	%	70-130	09.28.19 05.59	
1,4-Difluorobenzene	540-36-3	96	%	70-130	09.28.19 05.59	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **Bottom Hole 61 (4'BEB)** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-061 Date Collected: 09.25.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8.42**	5.00	mg/kg	09.26.19 21.03		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.26.19 20.15	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.26.19 20.15	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.26.19 20.15	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.26.19 20.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	115	%	70-135	09.26.19 20.15	
o-Terphenyl	84-15-1	110	%	70-135	09.26.19 20.15	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**Bottom Hole 61 (4'BEB)**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-061	Date Collected:	09.25.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 15.00	Basis:	Wet Weight
Seq Number:	3102729				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.27.19 05.16	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.27.19 05.16	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.27.19 05.16	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	09.27.19 05.16	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.27.19 05.16	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.27.19 05.16	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.27.19 05.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.27.19 05.16	
4-Bromofluorobenzene	460-00-4	129	%	70-130	09.27.19 05.16	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **N1SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-062 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**11.6**	5.04	mg/kg	09.26.19 21.20		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 21.17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 21.17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 21.17	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 21.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	129	%	70-135	09.26.19 21.17	
o-Terphenyl	84-15-1	129	%	70-135	09.26.19 21.17	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**N1SW**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-062	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 15.00	Basis:	Wet Weight
Seq Number:	3102729				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.27.19 05.36	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.27.19 05.36	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.27.19 05.36	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.27.19 05.36	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.27.19 05.36	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.27.19 05.36	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.27.19 05.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	131	%	70-130	09.27.19 05.36	**
1,4-Difluorobenzene	540-36-3	97	%	70-130	09.27.19 05.36	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **N2SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-063 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**14.8**	4.99	mg/kg	09.26.19 21.26		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 21.38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 21.38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 21.38	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 21.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	115	%	70-135	09.26.19 21.38	
o-Terphenyl	84-15-1	120	%	70-135	09.26.19 21.38	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **N2SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-063 Date Collected: 09.23.19 00.00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: KTL % Moisture:

Analyst: KTL Date Prep: 09.26.19 15.00 Basis: Wet Weight

Seq Number: 3102729

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.27.19 05.56	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.27.19 05.56	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.27.19 05.56	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	09.27.19 05.56	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.27.19 05.56	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.27.19 05.56	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.27.19 05.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.27.19 05.56	
4-Bromofluorobenzene	460-00-4	139	%	70-130	09.27.19 05.56	**

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **N3SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-064 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**109**	4.96	mg/kg	09.26.19 21.32		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 21.59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 21.59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 21.59	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 21.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	122	%	70-135	09.26.19 21.59	
o-Terphenyl	84-15-1	122	%	70-135	09.26.19 21.59	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**N3SW**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-064	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 15.00	Basis:	Wet Weight
Seq Number:	3102729				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.19 06.16	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.19 06.16	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.19 06.16	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.27.19 06.16	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.19 06.16	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.19 06.16	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.19 06.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	09.27.19 06.16	
4-Bromofluorobenzene	460-00-4	125	%	70-130	09.27.19 06.16	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **N4SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-065 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**21.2**	5.03	mg/kg	09.26.19 21.38		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.26.19 22.20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.26.19 22.20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.26.19 22.20	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.26.19 22.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	114	%	70-135	09.26.19 22.20	
o-Terphenyl	84-15-1	114	%	70-135	09.26.19 22.20	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**N4SW**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-065	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 15.00	Basis:	Wet Weight
Seq Number:	3102729				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.27.19 06.37	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.27.19 06.37	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.27.19 06.37	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.27.19 06.37	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.27.19 06.37	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.27.19 06.37	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.27.19 06.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	137	%	70-130	09.27.19 06.37	**
1,4-Difluorobenzene	540-36-3	100	%	70-130	09.27.19 06.37	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **S1SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-066 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**27.5**	5.00	mg/kg	09.26.19 21.55		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 22.40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 22.40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 22.40	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 22.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	121	%	70-135	09.26.19 22.40	
o-Terphenyl	84-15-1	122	%	70-135	09.26.19 22.40	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **S1SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-066 Date Collected: 09.23.19 00.00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: KTL % Moisture:

Analyst: KTL Date Prep: 09.26.19 15.00 Basis: Wet Weight

Seq Number: 3102729

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.27.19 06.57	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.27.19 06.57	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.27.19 06.57	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.27.19 06.57	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.27.19 06.57	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.27.19 06.57	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.27.19 06.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	134	%	70-130	09.27.19 06.57	**
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.27.19 06.57	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **S2SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-067 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.05	5.05	mg/kg	09.26.19 22.01	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 23.01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 23.01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 23.01	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 23.01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	120	%	70-135	09.26.19 23.01	
o-Terphenyl	84-15-1	119	%	70-135	09.26.19 23.01	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**S2SW**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-067	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 15.00	Basis:	Wet Weight
Seq Number:	3102729				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.27.19 07.17	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.27.19 07.17	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.27.19 07.17	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.27.19 07.17	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.27.19 07.17	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.27.19 07.17	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.27.19 07.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	129	%	70-130	09.27.19 07.17	
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.27.19 07.17	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **S3SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-068 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8.22**	5.05	mg/kg	09.26.19 22.07		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.26.19 23.22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.26.19 23.22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.26.19 23.22	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.26.19 23.22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	122	%	70-135	09.26.19 23.22	
o-Terphenyl	84-15-1	119	%	70-135	09.26.19 23.22	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**S3SW**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-068	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 15.00	Basis:	Wet Weight
Seq Number:	3102729				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.19 07.37	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.19 07.37	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.19 07.37	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	09.27.19 07.37	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.19 07.37	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.19 07.37	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.19 07.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	09.27.19 07.37	
4-Bromofluorobenzene	460-00-4	130	%	70-130	09.27.19 07.37	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **S4SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-069 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8.69**	5.00	mg/kg	09.26.19 22.13		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.26.19 23.43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.26.19 23.43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.26.19 23.43	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.26.19 23.43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	124	%	70-135	09.26.19 23.43	
o-Terphenyl	84-15-1	124	%	70-135	09.26.19 23.43	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**S4SW**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-069	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 15.00	Basis:	Wet Weight
Seq Number:	3102729				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.19 07.57	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.19 07.57	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.19 07.57	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.27.19 07.57	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.19 07.57	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.19 07.57	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.19 07.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	128	%	70-130	09.27.19 07.57	
1,4-Difluorobenzene	540-36-3	96	%	70-130	09.27.19 07.57	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **S5SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-070 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**10.1**	5.00	mg/kg	09.26.19 22.19		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 00.04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 00.04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 00.04	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 00.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	129	%	70-135	09.27.19 00.04	
o-Terphenyl	84-15-1	128	%	70-135	09.27.19 00.04	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**S5SW**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-070	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 15.00	Basis:	Wet Weight
Seq Number:	3102729				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.27.19 08.17	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.27.19 08.17	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.27.19 08.17	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	09.27.19 08.17	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.27.19 08.17	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.27.19 08.17	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.27.19 08.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	130	%	70-130	09.27.19 08.17	
1,4-Difluorobenzene	540-36-3	104	%	70-130	09.27.19 08.17	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **E1SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-071 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**5.48**	5.00	mg/kg	09.26.19 22.24		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.27.19 00.45	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.27.19 00.45	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.27.19 00.45	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.27.19 00.45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	117	%	70-135	09.27.19 00.45	
o-Terphenyl	84-15-1	122	%	70-135	09.27.19 00.45	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**E1SW**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-071	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 15.00	Basis:	Wet Weight
Seq Number:	3102729				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.27.19 09.36	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.27.19 09.36	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.27.19 09.36	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	09.27.19 09.36	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.27.19 09.36	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.27.19 09.36	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.27.19 09.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	93	%	70-130	09.27.19 09.36	
4-Bromofluorobenzene	460-00-4	119	%	70-130	09.27.19 09.36	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **E2SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-072 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**12.1**	4.98	mg/kg	09.26.19 22.42		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.27.19 01.06	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.27.19 01.06	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.27.19 01.06	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.27.19 01.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	127	%	70-135	09.27.19 01.06	
o-Terphenyl	84-15-1	129	%	70-135	09.27.19 01.06	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **E2SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-072 Date Collected: 09.23.19 00.00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: KTL % Moisture:

Analyst: KTL Date Prep: 09.26.19 15.00 Basis: Wet Weight

Seq Number: 3102729

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.27.19 09.56	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.27.19 09.56	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.27.19 09.56	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	09.27.19 09.56	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.27.19 09.56	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.27.19 09.56	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.27.19 09.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	09.27.19 09.56	
4-Bromofluorobenzene	460-00-4	127	%	70-130	09.27.19 09.56	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **E3SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-073 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**14.0**	5.02	mg/kg	09.26.19 22.48		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.27.19 01.27	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.27.19 01.27	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.27.19 01.27	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.27.19 01.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	118	%	70-135	09.27.19 01.27	
o-Terphenyl	84-15-1	122	%	70-135	09.27.19 01.27	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**E3SW**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-073	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 15.00	Basis:	Wet Weight
Seq Number:	3102729				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.19 10.16	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.19 10.16	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.19 10.16	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.27.19 10.16	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.19 10.16	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.19 10.16	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.19 10.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	92	%	70-130	09.27.19 10.16	
1,4-Difluorobenzene	540-36-3	108	%	70-130	09.27.19 10.16	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **E4SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-074 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.99	4.99	mg/kg	09.26.19 23.05	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 01.48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 01.48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 01.48	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 01.48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	124	%	70-135	09.27.19 01.48	
o-Terphenyl	84-15-1	124	%	70-135	09.27.19 01.48	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**E4SW**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-074	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 15.00	Basis:	Wet Weight
Seq Number:	3102729				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.19 10.37	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.19 10.37	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.19 10.37	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.27.19 10.37	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.19 10.37	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.19 10.37	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.19 10.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	70	%	70-130	09.27.19 10.37	
1,4-Difluorobenzene	540-36-3	81	%	70-130	09.27.19 10.37	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **E5SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-075 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**18.3**	4.95	mg/kg	09.26.19 23.11		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.27.19 02.08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.27.19 02.08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.27.19 02.08	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.27.19 02.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	134	%	70-135	09.27.19 02.08	
o-Terphenyl	84-15-1	129	%	70-135	09.27.19 02.08	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **E5SW**
Lab Sample Id: 638034-075

Matrix: Soil
Date Collected: 09.24.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102729

Date Prep: 09.26.19 15.00

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.27.19 10.57	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.27.19 10.57	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.27.19 10.57	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.27.19 10.57	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.27.19 10.57	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.27.19 10.57	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.27.19 10.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	83	%	70-130	09.27.19 10.57	
1,4-Difluorobenzene	540-36-3	98	%	70-130	09.27.19 10.57	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **E6SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-076 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**108**	4.96	mg/kg	09.26.19 23.17		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.27.19 02.30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.27.19 02.30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.27.19 02.30	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.27.19 02.30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	132	%	70-135	09.27.19 02.30	
o-Terphenyl	84-15-1	130	%	70-135	09.27.19 02.30	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**E6SW**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-076	Date Collected:	09.24.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 15.00	Basis:	Wet Weight
Seq Number:	3102729				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.27.19 11.17	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.27.19 11.17	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.27.19 11.17	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.27.19 11.17	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.27.19 11.17	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.27.19 11.17	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.27.19 11.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	134	%	70-130	09.27.19 11.17	**
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.27.19 11.17	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **E7SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-077 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**13.4**	5.00	mg/kg	09.26.19 23.23		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 02.50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 02.50	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 02.50	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 02.50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	129	%	70-135	09.27.19 02.50	
o-Terphenyl	84-15-1	128	%	70-135	09.27.19 02.50	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **E7SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-077 Date Collected: 09.24.19 00.00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: KTL % Moisture:

Analyst: KTL Date Prep: 09.26.19 15.00 Basis: Wet Weight

Seq Number: 3102729

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.27.19 11.37	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.27.19 11.37	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.27.19 11.37	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.27.19 11.37	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.27.19 11.37	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.27.19 11.37	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.27.19 11.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	104	%	70-130	09.27.19 11.37	
4-Bromofluorobenzene	460-00-4	139	%	70-130	09.27.19 11.37	**

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **W1SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-078 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**17.9**	4.95	mg/kg	09.26.19 23.28		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.27.19 03.12	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.27.19 03.12	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.27.19 03.12	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.27.19 03.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	124	%	70-135	09.27.19 03.12	
o-Terphenyl	84-15-1	124	%	70-135	09.27.19 03.12	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**W1SW**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-078	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 15.00	Basis:	Wet Weight
Seq Number:	3102729				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.27.19 11.57	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.27.19 11.57	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.27.19 11.57	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	09.27.19 11.57	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.27.19 11.57	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.27.19 11.57	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.27.19 11.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	103	%	70-130	09.27.19 11.57	
4-Bromofluorobenzene	460-00-4	115	%	70-130	09.27.19 11.57	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **W2SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-079 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.40 Basis: Wet Weight

Seq Number: 3102751

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**93.5**	4.95	mg/kg	09.26.19 23.34		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.27.19 03.33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	09.27.19 03.33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.27.19 03.33	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	09.27.19 03.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	123	%	70-135	09.27.19 03.33	
o-Terphenyl	84-15-1	123	%	70-135	09.27.19 03.33	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **W2SW**
Lab Sample Id: 638034-079

Matrix: Soil
Date Collected: 09.23.19 00.00

Date Received:09.25.19 16.19

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3102729

Date Prep: 09.26.19 15.00

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.27.19 12.17	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.27.19 12.17	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.27.19 12.17	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.27.19 12.17	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.27.19 12.17	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.27.19 12.17	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.27.19 12.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	129	%	70-130	09.27.19 12.17	
1,4-Difluorobenzene	540-36-3	99	%	70-130	09.27.19 12.17	

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Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **W3SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-080 Date Collected: 09.24.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.50 Basis: Wet Weight

Seq Number: 3102754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.03	5.03	mg/kg	09.26.19 17.20	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 17.00 Basis: Wet Weight

Seq Number: 3102789

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 03.54	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 03.54	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 03.54	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 03.54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	119	%	70-135	09.27.19 03.54	
o-Terphenyl	84-15-1	122	%	70-135	09.27.19 03.54	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **W3SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-080 Date Collected: 09.24.19 00.00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: KTL % Moisture:

Analyst: KTL Date Prep: 09.26.19 15.00 Basis: Wet Weight

Seq Number: 3102729

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.27.19 12.38	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.27.19 12.38	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.27.19 12.38	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.27.19 12.38	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.27.19 12.38	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.27.19 12.38	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.27.19 12.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	122	%	70-130	09.27.19 12.38	
1,4-Difluorobenzene	540-36-3	97	%	70-130	09.27.19 12.38	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id: **W4SW** Matrix: Soil Date Received:09.25.19 16.19

Lab Sample Id: 638034-081 Date Collected: 09.23.19 00.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.26.19 12.50 Basis: Wet Weight

Seq Number: 3102754

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.96	4.96	mg/kg	09.26.19 15.51	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: DVM Date Prep: 09.26.19 15.00 Basis: Wet Weight

Seq Number: 3102818

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.27.19 12.18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.27.19 12.18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.27.19 12.18	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.27.19 12.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	130	%	70-135	09.27.19 12.18	
o-Terphenyl	84-15-1	126	%	70-135	09.27.19 12.18	

Certificate of Analytical Results 638034

Tetra Tech- Midland, Midland, TX

EOG-Neptune 202 Layflat Release

Sample Id:	**W4SW**	Matrix:	Soil	Date Received:	09.25.19 16.19
Lab Sample Id:	638034-081	Date Collected:	09.23.19 00.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.19 14.00	Basis:	Wet Weight
Seq Number:	3102642				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.19 01.57	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.19 01.57	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.19 01.57	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.27.19 01.57	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.19 01.57	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.19 01.57	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.19 01.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	91	%	70-130	09.27.19 01.57	
4-Bromofluorobenzene	460-00-4	92	%	70-130	09.27.19 01.57	

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.

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 638034

Tetra Tech- Midland

EOG-Neptune 202 Layflat Release

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3102579 — Matrix: Solid — Date Prep: 09.26.19
MB Sample Id: 7686925-1-BLK — LCS Sample Id: 7686925-1-BKS — LCSD Sample Id: 7686925-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.858	250	260	104	256	102	90-110	2	20	mg/kg	09.26.19 12:09	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3102746 — Matrix: Solid — Date Prep: 09.26.19
MB Sample Id: 7686927-1-BLK — LCS Sample Id: 7686927-1-BKS — LCSD Sample Id: 7686927-1-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	230	92	229	92	90-110	0	20	mg/kg	09.26.19 14:45	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3102748 — Matrix: Solid — Date Prep: 09.26.19
MB Sample Id: 7686949-1-BLK — LCS Sample Id: 7686949-1-BKS — LCSD Sample Id: 7686949-1-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	244	98	243	97	90-110	0	20	mg/kg	09.26.19 17:39	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3102751 — Matrix: Solid — Date Prep: 09.26.19
MB Sample Id: 7686950-1-BLK — LCS Sample Id: 7686950-1-BKS — LCSD Sample Id: 7686950-1-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	244	98	244	98	90-110	0	20	mg/kg	09.26.19 20:51	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3102754 — Matrix: Solid — Date Prep: 09.26.19
MB Sample Id: 7686951-1-BLK — LCS Sample Id: 7686951-1-BKS — LCSD Sample Id: 7686951-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.858	250	261	104	261	104	90-110	0	20	mg/kg	09.26.19 15:38	

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

QC Summary 638034

Tetra Tech- Midland

EOG-Neptune 202 Layflat Release

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3102579 — Matrix: Soil — Date Prep: 09.26.19
Parent Sample Id: 638034-001 — MS Sample Id: 638034-001 S — MSD Sample Id: 638034-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	11.1	248	280	108	278	108	90-110	1	20	mg/kg	09.26.19 12:28	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3102579 — Matrix: Soil — Date Prep: 09.26.19
Parent Sample Id: 638034-011 — MS Sample Id: 638034-011 S — MSD Sample Id: 638034-011 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	1.94	250	265	105	266	106	90-110	0	20	mg/kg	09.26.19 13:57	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3102746 — Matrix: Soil — Date Prep: 09.26.19
Parent Sample Id: 638034-021 — MS Sample Id: 638034-021 S — MSD Sample Id: 638034-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	5.81	248	232	91	234	92	90-110	1	20	mg/kg	09.26.19 15:03	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3102746 — Matrix: Soil — Date Prep: 09.26.19
Parent Sample Id: 638034-031 — MS Sample Id: 638034-031 S — MSD Sample Id: 638034-031 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	203	253	430	90	416	84	90-110	3	20	mg/kg	09.26.19 16:43	X

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3102748 — Matrix: Soil — Date Prep: 09.26.19
Parent Sample Id: 638034-041 — MS Sample Id: 638034-041 S — MSD Sample Id: 638034-041 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	26.3	249	273	99	275	100	90-110	1	20	mg/kg	09.26.19 17:57	

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

QC Summary 638034

Tetra Tech- Midland

EOG-Neptune 202 Layflat Release

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3102748 — Matrix: Soil — Date Prep: 09.26.19
Parent Sample Id: 638034-051 — MS Sample Id: 638034-051 S — MSD Sample Id: 638034-051 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	27.8	250	278	100	275	99	90-110	1	20	mg/kg	09.26.19 19:18	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3102751 — Matrix: Soil — Date Prep: 09.26.19
Parent Sample Id: 638034-061 — MS Sample Id: 638034-061 S — MSD Sample Id: 638034-061 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	8.42	250	261	101	261	101	90-110	0	20	mg/kg	09.26.19 21:09	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3102751 — Matrix: Soil — Date Prep: 09.26.19
Parent Sample Id: 638034-071 — MS Sample Id: 638034-071 S — MSD Sample Id: 638034-071 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	5.48	250	257	101	256	100	90-110	0	20	mg/kg	09.26.19 22:30	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3102754 — Matrix: Soil — Date Prep: 09.26.19
Parent Sample Id: 638034-080 — MS Sample Id: 638034-080 S — MSD Sample Id: 638034-080 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	4.22	252	279	109	275	107	90-110	1	20	mg/kg	09.26.19 17:26	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3102754 — Matrix: Soil — Date Prep: 09.26.19
Parent Sample Id: 638034-081 — MS Sample Id: 638034-081 S — MSD Sample Id: 638034-081 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	1.40	248	270	108	268	108	90-110	1	20	mg/kg	09.26.19 15:57	

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

QC Summary 638034

Tetra Tech- Midland

EOG-Neptune 202 Layflat Release

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3102798 — Matrix: Solid — Date Prep: 09.26.19
MB Sample Id: 7686994-1-BLK — LCS Sample Id: 7686994-1-BKS — LCSD Sample Id: 7686994-1-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)	<15.0	1000	1090	109	1140	114	70-135	4	20	mg/kg	09.26.19 09:45	
Diesel Range Organics (DRO)	<15.0	1000	930	93	985	99	70-135	6	20	mg/kg	09.26.19 09:45	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	92		142	**	147	**	70-135	%	09.26.19 09:45
o-Terphenyl	92		135		135		70-135	%	09.26.19 09:45

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3102800 — Matrix: Solid — Date Prep: 09.26.19
MB Sample Id: 7686996-1-BLK — LCS Sample Id: 7686996-1-BKS — LCSD Sample Id: 7686996-1-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)	<15.0	1000	1220	122	1260	126	70-135	3	20	mg/kg	09.26.19 18:35	
Diesel Range Organics (DRO)	<15.0	1000	1050	105	1130	113	70-135	7	20	mg/kg	09.26.19 18:35	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	89		183	**	166	**	70-135	%	09.26.19 18:35
o-Terphenyl	95		142	**	135		70-135	%	09.26.19 18:35

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3102818 — Matrix: Solid — Date Prep: 09.26.19
MB Sample Id: 7686991-1-BLK — LCS Sample Id: 7686991-1-BKS — LCSD Sample Id: 7686991-1-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)	<15.0	1000	1250	125	1220	122	70-135	2	20	mg/kg	09.27.19 04:57	
Diesel Range Organics (DRO)	<15.0	1000	1290	129	1290	129	70-135	0	20	mg/kg	09.27.19 04:57	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	126		168	**	138	**	70-135	%	09.27.19 04:57
o-Terphenyl	131		145	**	138	**	70-135	%	09.27.19 04:57

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

QC Summary 638034

Tetra Tech- Midland

EOG-Neptune 202 Layflat Release

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3102789 — Matrix: Solid — Date Prep: 09.26.19
MB Sample Id: 7687009-1-BLK — LCS Sample Id: 7687009-1-BKS — LCSD Sample Id: 7687009-1-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)	<15.0	1000	1160	116	1200	120	70-135	3	20	mg/kg	09.26.19 19:33	
Diesel Range Organics (DRO)	<15.0	1000	1170	117	1210	121	70-135	3	20	mg/kg	09.26.19 19:33	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	106		127		134		70-135	%	09.26.19 19:33
o-Terphenyl	112		126		129		70-135	%	09.26.19 19:33

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3102801 — Matrix: Solid — Date Prep: 09.27.19
MB Sample Id: 7686997-1-BLK — LCS Sample Id: 7686997-1-BKS — LCSD Sample Id: 7686997-1-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)	<15.0	1000	1330	133	1300	130	70-135	2	20	mg/kg	09.27.19 03:19	
Diesel Range Organics (DRO)	<15.0	1000	1160	116	1130	113	70-135	3	20	mg/kg	09.27.19 03:19	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	107		167	**	165	**	70-135	%	09.27.19 03:19
o-Terphenyl	107		184	**	204	**	70-135	%	09.27.19 03:19

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3102798 — Matrix: Soil — Date Prep: 09.26.19
Parent Sample Id: 638034-001 — MS Sample Id: 638034-001 S — MSD Sample Id: 638034-001 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)	<15.0	997	1150	115	1210	121	70-135	5	20	mg/kg	09.26.19 10:43	
Diesel Range Organics (DRO)	<15.0	997	986	99	1040	104	70-135	5	20	mg/kg	09.26.19 10:43	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	173	**	179	**	70-135	%	09.26.19 10:43
o-Terphenyl	146	**	143	**	70-135	%	09.26.19 10:43

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

QC Summary 638034

Tetra Tech- Midland

EOG-Neptune 202 Layflat Release

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3102800 — Matrix: Soil — Date Prep: 09.26.19
Parent Sample Id: 638034-021 — MS Sample Id: 638034-021 S — MSD Sample Id: 638034-021 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)	<15.0	997	<49.9	0	<50.0	0	70-135	NC	20	mg/kg	09.26.19 19:34	X
Diesel Range Organics (DRO)	17.8	997	<49.9	0	<50.0	0	70-135	NC	20	mg/kg	09.26.19 19:34	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	2	**	112		70-135	%	09.26.19 19:34
o-Terphenyl	3	**	109		70-135	%	09.26.19 19:34

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3102818 — Matrix: Soil — Date Prep: 09.26.19
Parent Sample Id: 637658-001 — MS Sample Id: 637658-001 S — MSD Sample Id: 637658-001 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)	<15.0	998	1360	136	1410	141	70-135	4	20	mg/kg	09.27.19 06:01	X
Diesel Range Organics (DRO)	<15.0	998	1390	139	1440	144	70-135	4	20	mg/kg	09.27.19 06:01	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	144	**	170	**	70-135	%	09.27.19 06:01
o-Terphenyl	137	**	141	**	70-135	%	09.27.19 06:01

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3102789 — Matrix: Soil — Date Prep: 09.26.19
Parent Sample Id: 638034-061 — MS Sample Id: 638034-061 S — MSD Sample Id: 638034-061 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)	<15.0	997	1330	133	1300	130	70-135	2	20	mg/kg	09.26.19 20:36	
Diesel Range Organics (DRO)	20.1	997	1390	137	1400	138	70-135	1	20	mg/kg	09.26.19 20:36	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	139	**	138	**	70-135	%	09.26.19 20:36
o-Terphenyl	127		129		70-135	%	09.26.19 20:36

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

QC Summary 638034

Tetra Tech- Midland

EOG-Neptune 202 Layflat Release

Analytical Method: TPH By SW8015 Mod | Prep Method: SW8015P
Seq Number: 3102801 | Matrix: Soil | Date Prep: 09.27.19
Parent Sample Id: 638034-041 | MS Sample Id: 638034-041 S | MSD Sample Id: 638034-041 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)	15.6	996	1230	122	1260	125	70-135	2	20	mg/kg	09.27.19 04:18	
Diesel Range Organics (DRO)	25.2	996	1120	110	1200	118	70-135	7	20	mg/kg	09.27.19 04:18	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	155	**	167	**	70-135	%	09.27.19 04:18
o-Terphenyl	121		129		70-135	%	09.27.19 04:18

Analytical Method: BTEX by EPA 8021B | Prep Method: SW5030B
Seq Number: 3102642 | Matrix: Solid | Date Prep: 09.25.19
MB Sample Id: 7686825-1-BLK | LCS Sample Id: 7686825-1-BKS | LCSD Sample Id: 7686825-1-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	0.107	107	0.104	104	70-130	3	35	mg/kg	09.26.19 03:32	
Toluene	<0.00200	0.100	0.105	105	0.104	104	70-130	1	35	mg/kg	09.26.19 03:32	
Ethylbenzene	<0.00200	0.100	0.122	122	0.124	124	70-130	2	35	mg/kg	09.26.19 03:32	
m,p-Xylenes	<0.00400	0.200	0.254	127	0.257	129	70-130	1	35	mg/kg	09.26.19 03:32	
o-Xylene	<0.00200	0.100	0.127	127	0.122	122	70-130	4	35	mg/kg	09.26.19 03:32	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	89		93		89		70-130	%	09.26.19 03:32
4-Bromofluorobenzene	124		133	**	122		70-130	%	09.26.19 03:32

Analytical Method: BTEX by EPA 8021B | Prep Method: SW5030B
Seq Number: 3102636 | Matrix: Solid | Date Prep: 09.26.19
MB Sample Id: 7686977-1-BLK | LCS Sample Id: 7686977-1-BKS | LCSD Sample Id: 7686977-1-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	0.110	110	0.109	109	70-130	1	35	mg/kg	09.26.19 09:57	
Toluene	<0.00200	0.100	0.103	103	0.104	104	70-130	1	35	mg/kg	09.26.19 09:57	
Ethylbenzene	<0.00200	0.100	0.111	111	0.110	110	70-130	1	35	mg/kg	09.26.19 09:57	
m,p-Xylenes	<0.00400	0.200	0.218	109	0.216	108	70-130	1	35	mg/kg	09.26.19 09:57	
o-Xylene	<0.00200	0.100	0.110	110	0.110	110	70-130	0	35	mg/kg	09.26.19 09:57	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	99		101		97		70-130	%	09.26.19 09:57
4-Bromofluorobenzene	96		105		103		70-130	%	09.26.19 09:57

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
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 638034

Tetra Tech- Midland

EOG-Neptune 202 Layflat Release

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3102744 — Matrix: Solid — Date Prep: 09.26.19
MB Sample Id: 7686978-1-BLK — LCS Sample Id: 7686978-1-BKS — LCSD Sample Id: 7686978-1-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	0.111	111	0.113	113	70-130	2	35	mg/kg	09.28.19 07:17	
Toluene	<0.00200	0.100	0.106	106	0.109	109	70-130	3	35	mg/kg	09.28.19 07:17	
Ethylbenzene	<0.00200	0.100	0.114	114	0.119	119	70-130	4	35	mg/kg	09.28.19 07:17	
m,p-Xylenes	<0.00400	0.200	0.223	112	0.236	118	70-130	6	35	mg/kg	09.28.19 07:17	
o-Xylene	<0.00200	0.100	0.117	117	0.124	124	70-130	6	35	mg/kg	09.28.19 07:17	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	97		101		101		70-130	%	09.28.19 07:17
4-Bromofluorobenzene	98		114		121		70-130	%	09.28.19 07:17

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3102745 — Matrix: Solid — Date Prep: 09.26.19
MB Sample Id: 7686979-1-BLK — LCS Sample Id: 7686979-1-BKS — LCSD Sample Id: 7686979-1-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	0.104	104	0.102	102	70-130	2	35	mg/kg	09.27.19 20:38	
Toluene	<0.00200	0.100	0.0993	99	0.0978	98	70-130	2	35	mg/kg	09.27.19 20:38	
Ethylbenzene	<0.00200	0.100	0.106	106	0.105	105	70-130	1	35	mg/kg	09.27.19 20:38	
m,p-Xylenes	<0.00400	0.200	0.209	105	0.206	103	70-130	1	35	mg/kg	09.27.19 20:38	
o-Xylene	<0.00200	0.100	0.108	108	0.107	107	70-130	1	35	mg/kg	09.27.19 20:38	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	96		101		99		70-130	%	09.27.19 20:38
4-Bromofluorobenzene	96		111		109		70-130	%	09.27.19 20:38

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3102729 — Matrix: Solid — Date Prep: 09.26.19
MB Sample Id: 7686980-1-BLK — LCS Sample Id: 7686980-1-BKS — LCSD Sample Id: 7686980-1-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	0.108	108	0.104	104	70-130	4	35	mg/kg	09.27.19 04:49	
Toluene	<0.00200	0.100	0.106	106	0.100	100	70-130	6	35	mg/kg	09.27.19 04:49	
Ethylbenzene	<0.00200	0.100	0.125	125	0.117	117	70-130	7	35	mg/kg	09.27.19 04:49	
m,p-Xylenes	<0.00400	0.200	0.256	128	0.244	122	70-130	5	35	mg/kg	09.27.19 04:49	
o-Xylene	<0.00200	0.100	0.122	122	0.120	120	70-130	2	35	mg/kg	09.27.19 04:49	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	90		92		93		70-130	%	09.27.19 04:49
4-Bromofluorobenzene	119		125		133	**	70-130	%	09.27.19 04:49

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

QC Summary 638034

Tetra Tech- Midland

EOG-Neptune 202 Layflat Release

Analytical Method: BTEX by EPA 8021B | Prep Method: SW5030B
Seq Number: 3102642 | Matrix: Soil | Date Prep: 09.25.19
Parent Sample Id: 637816-001 | MS Sample Id: 637816-001 S | MSD Sample Id: 637816-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00202	0.101	0.0495	49	0.110	110	70-130	76	35	mg/kg	09.26.19 05:36	XF
Toluene	<0.00202	0.101	0.0247	24	0.0988	99	70-130	120	35	mg/kg	09.26.19 05:36	XF
Ethylbenzene	<0.00202	0.101	0.00500	5	0.0606	61	70-130	170	35	mg/kg	09.26.19 05:36	XF
m,p-Xylenes	<0.00403	0.202	0.0538	27	0.241	120	70-130	127	35	mg/kg	09.26.19 05:36	XF
o-Xylene	<0.00202	0.101	0.0295	29	0.121	121	70-130	122	35	mg/kg	09.26.19 05:36	XF

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	96		102		70-130	%	09.26.19 05:36
4-Bromofluorobenzene	135	**	146	**	70-130	%	09.26.19 05:36

Analytical Method: BTEX by EPA 8021B | Prep Method: SW5030B
Seq Number: 3102636 | Matrix: Soil | Date Prep: 09.26.19
Parent Sample Id: 638034-001 | MS Sample Id: 638034-001 S | MSD Sample Id: 638034-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00202	0.101	0.0830	82	0.0332	33	70-130	86	35	mg/kg	09.26.19 11:44	XF
Toluene	<0.00202	0.101	0.0844	84	0.0334	33	70-130	87	35	mg/kg	09.26.19 11:44	XF
Ethylbenzene	<0.00202	0.101	0.0923	91	0.0331	33	70-130	94	35	mg/kg	09.26.19 11:44	XF
m,p-Xylenes	<0.00403	0.202	0.180	89	0.0641	32	70-130	95	35	mg/kg	09.26.19 11:44	XF
o-Xylene	<0.00202	0.101	0.0885	88	0.0314	31	70-130	95	35	mg/kg	09.26.19 11:44	XF

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	102		102		70-130	%	09.26.19 11:44
4-Bromofluorobenzene	117		104		70-130	%	09.26.19 11:44

Analytical Method: BTEX by EPA 8021B | Prep Method: SW5030B
Seq Number: 3102744 | Matrix: Soil | Date Prep: 09.26.19
Parent Sample Id: 638034-021 | MS Sample Id: 638034-021 S | MSD Sample Id: 638034-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0636	64	0.0794	80	70-130	22	35	mg/kg	09.27.19 10:40	X
Toluene	<0.00200	0.100	0.0345	35	0.0531	54	70-130	42	35	mg/kg	09.27.19 10:40	XF
Ethylbenzene	<0.00200	0.100	0.0450	45	0.0699	70	70-130	43	35	mg/kg	09.27.19 10:40	XF
m,p-Xylenes	<0.00400	0.200	0.0722	36	0.118	60	70-130	48	35	mg/kg	09.27.19 10:40	XF
o-Xylene	<0.00200	0.100	0.0590	59	0.0854	86	70-130	37	35	mg/kg	09.27.19 10:40	XF

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	102		101		70-130	%	09.27.19 10:40
4-Bromofluorobenzene	105		112		70-130	%	09.27.19 10:40

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
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 638034

Tetra Tech- Midland

EOG-Neptune 202 Layflat Release

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B

Seq Number: 3102745 Matrix: Soil Date Prep: 09.26.19

Parent Sample Id: 638034-041 MS Sample Id: 638034-041 S MSD Sample Id: 638034-041 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	0.0832	83	0.0752	76	70-130	10	35	mg/kg	09.27.19 21:18	
Toluene	<0.00200	0.0998	0.0776	78	0.0720	72	70-130	7	35	mg/kg	09.27.19 21:18	
Ethylbenzene	<0.00200	0.0998	0.0814	82	0.0772	78	70-130	5	35	mg/kg	09.27.19 21:18	
m,p-Xylenes	<0.00399	0.200	0.157	79	0.149	75	70-130	5	35	mg/kg	09.27.19 21:18	
o-Xylene	<0.00200	0.0998	0.0809	81	0.0771	78	70-130	5	35	mg/kg	09.27.19 21:18	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	103		99		70-130	%	09.27.19 21:18
4-Bromofluorobenzene	115		111		70-130	%	09.27.19 21:18

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B

Seq Number: 3102729 Matrix: Soil Date Prep: 09.26.19

Parent Sample Id: 638034-061 MS Sample Id: 638034-061 S MSD Sample Id: 638034-061 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00202	0.101	0.00429	4	0.00887	9	70-130	70	35	mg/kg	09.27.19 01:59	XF
Toluene	<0.00202	0.101	0.00415	4	0.0106	10	70-130	87	35	mg/kg	09.27.19 01:59	XF
Ethylbenzene	<0.00202	0.101	0.00490	5	0.0123	12	70-130	86	35	mg/kg	09.27.19 01:59	XF
m,p-Xylenes	<0.00404	0.202	0.0107	5	0.0231	11	70-130	73	35	mg/kg	09.27.19 01:59	XF
o-Xylene	<0.00202	0.101	0.00557	6	0.0114	11	70-130	69	35	mg/kg	09.27.19 01:59	XF

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	91		96		70-130	%	09.27.19 01:59
4-Bromofluorobenzene	119		121		70-130	%	09.27.19 01:59

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

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested		640979-001		640979-002		640979-003		640979-004		640979-005		640979-006	
	Lab Id:	640979-001		640979-002		640979-003		640979-004		640979-005		640979-006	
	Field Id:	Bottom Hole-1		Bottom Hole-2		Bottom Hole-3		Bottom Hole-4		Bottom Hole-5		Bottom Hole-6	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 09:00		Oct-22-19 09:05		Oct-22-19 09:10		Oct-22-19 09:20		Oct-22-19 09:25		Oct-22-19 09:30	
BTEX by EPA 8021B	*Extracted:*	Oct-27-19 10:45		Oct-27-19 10:45		Oct-27-19 10:45		Oct-27-19 10:45		Oct-27-19 10:45		Oct-27-19 10:45	
	Analyzed:	Oct-27-19 16:56		Oct-27-19 17:16		Oct-27-19 17:36		Oct-27-19 17:57		Oct-27-19 18:17		Oct-27-19 18:37	
	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	<0.00202	0.00202	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199
Toluene		<0.00198	0.00198	<0.00202	0.00202	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199
Ethylbenzene		<0.00198	0.00198	<0.00202	0.00202	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199
m,p-Xylenes		<0.00397	0.00397	<0.00403	0.00403	<0.00398	0.00398	<0.00397	0.00397	<0.00397	0.00397	<0.00398	0.00398
o-Xylene		<0.00198	0.00198	<0.00202	0.00202	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199
Total Xylenes		<0.00198	0.00198	<0.00202	0.00202	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199
Total BTEX		<0.00198	0.00198	<0.00202	0.00202	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199
Chloride by EPA 300	*Extracted:*	Oct-24-19 17:00		Oct-24-19 17:00		Oct-24-19 17:00		Oct-24-19 17:00		Oct-24-19 17:00		Oct-24-19 17:00	
	Analyzed:	Oct-24-19 21:15		Oct-24-19 21:34		Oct-24-19 21:40		Oct-24-19 21:46		Oct-24-19 21:52		Oct-24-19 21:58	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		<4.95	4.95	<5.03	5.03	73.0	4.95	753	5.02	12.1	4.96	78.7	5.04
TPH By SW8015 Mod	*Extracted:*	Oct-25-19 11:00		Oct-25-19 11:00		Oct-25-19 11:00		Oct-25-19 11:00		Oct-25-19 11:00		Oct-25-19 11:00	
	Analyzed:	Oct-25-19 12:25		Oct-25-19 13:21		Oct-25-19 13:40		Oct-25-19 13:58		Oct-25-19 14:17		Oct-25-19 14:36	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0
Total TPH		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0

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The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories.
XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.
Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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

Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested		640979-007		640979-008		640979-009		640979-010		640979-011		640979-012	
	Field Id:	Bottom Hole-7		Bottom Hole-8		Bottom Hole-9		Bottom Hole-10		Bottom Hole-11		Bottom Hole-12	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 09:35		Oct-22-19 09:40		Oct-22-19 09:45		Oct-22-19 09:50		Oct-22-19 09:55		Oct-22-19 10:00	
BTEX by EPA 8021B	*Extracted:*	Oct-27-19 10:45		Oct-27-19 10:45		Oct-27-19 10:45		Oct-27-19 10:45		Oct-27-19 10:45		Oct-27-19 10:45	
	Analyzed:	Oct-27-19 18:57		Oct-27-19 19:17		Oct-27-19 19:37		Oct-27-19 19:57		Oct-27-19 21:16		Oct-27-19 21:36	
	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	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202	<0.00198	0.00198
Toluene		<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202	<0.00198	0.00198
Ethylbenzene		<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202	<0.00198	0.00198
m,p-Xylenes		<0.00402	0.00402	<0.00402	0.00402	<0.00400	0.00400	<0.00398	0.00398	<0.00403	0.00403	<0.00396	0.00396
o-Xylene		<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202	<0.00198	0.00198
Total Xylenes		<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202	<0.00198	0.00198
Total BTEX		<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202	<0.00198	0.00198
Chloride by EPA 300	*Extracted:*	Oct-24-19 17:00		Oct-24-19 17:00		Oct-24-19 17:00		Oct-24-19 17:00		Oct-24-19 17:00		Oct-24-19 17:00	
	Analyzed:	Oct-24-19 22:04		Oct-24-19 22:23		Oct-24-19 22:29		Oct-24-19 22:47		Oct-24-19 22:54		Oct-24-19 23:00	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		175	4.98	28.4	5.00	225	4.96	16.7	4.99	41.0	5.03	283	4.98
TPH By SW8015 Mod	*Extracted:*	Oct-25-19 11:00		Oct-25-19 11:00		Oct-25-19 11:00		Oct-25-19 11:00		Oct-25-19 11:00		Oct-25-19 11:00	
	Analyzed:	Oct-25-19 14:55		Oct-25-19 15:14		Oct-25-19 15:32		Oct-25-19 15:51		Oct-25-19 16:28		Oct-25-19 16:46	
	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	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
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	<50.0	50.0
Total TPH		<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	640979-013		640979-014		640979-015		640979-016		640979-017		640979-018	
	Field Id:	Bottom Hole-13		Bottom Hole-14		Bottom Hole-15		Bottom Hole-16		Bottom Hole-17		Bottom Hole-18	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 10:05		Oct-22-19 10:10		Oct-22-19 10:15		Oct-22-19 10:20		Oct-22-19 10:25		Oct-22-19 10:30	
BTEX by EPA 8021B	*Extracted:*	Oct-27-19 10:45		Oct-27-19 10:45		Oct-27-19 10:45		Oct-27-19 10:45		Oct-27-19 10:45		Oct-27-19 10:45	
	Analyzed:	Oct-27-19 21:56		Oct-27-19 22:16		Oct-27-19 23:37		Oct-27-19 10:57		Oct-27-19 11:17		Oct-27-19 11:37	
	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	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198
Toluene		<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198
Ethylbenzene		<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198
m,p-Xylenes		<0.00398	0.00398	<0.00398	0.00398	<0.00401	0.00401	<0.00402	0.00402	<0.00401	0.00401	<0.00397	0.00397
o-Xylene		<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198
Total Xylenes		<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198
Total BTEX		<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198
Chloride by EPA 300	*Extracted:*	Oct-24-19 17:00		Oct-24-19 17:00		Oct-24-19 17:00		Oct-24-19 17:00		Oct-25-19 08:30		Oct-25-19 08:30	
	Analyzed:	Oct-24-19 23:06		Oct-24-19 23:12		Oct-24-19 23:18		Oct-24-19 23:24		Oct-25-19 10:06		Oct-25-19 10:22	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		885	5.00	6.01	5.02	81.7	4.98	488	4.96	37.7	5.05	21.7	5.05
TPH By SW8015 Mod	*Extracted:*	Oct-25-19 11:00		Oct-25-19 11:00		Oct-25-19 11:00		Oct-25-19 11:00		Oct-25-19 11:00		Oct-25-19 11:00	
	Analyzed:	Oct-25-19 17:05		Oct-25-19 17:23		Oct-25-19 17:42		Oct-25-19 18:00		Oct-25-19 18:19		Oct-25-19 18:38	
	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	<50.0	50.0	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9
Total TPH		<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	640979-019		640979-020		640979-021		640979-022		640979-023		640979-024	
	Field Id:	Bottom Hole-19		Bottom Hole-20		Bottom Hole-21		Bottom Hole-22		Bottom Hole-23		Bottom Hole-24	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 10:35		Oct-22-19 10:40		Oct-22-19 10:45		Oct-22-19 10:50		Oct-22-19 10:55		Oct-22-19 11:00	
BTEX by EPA 8021B	***Extracted:***	Oct-27-19 10:45		Oct-27-19 10:45		Oct-27-19 11:15		Oct-27-19 11:15		Oct-27-19 11:15		Oct-28-19 11:45	
	Analyzed:	Oct-27-19 11:57		Oct-27-19 12:17		Oct-28-19 03:36		Oct-28-19 03:56		Oct-28-19 04:16		Oct-28-19 17:53	
	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	<0.00202	0.00202	<0.00201	0.00201	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198
Toluene		<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198
Ethylbenzene		<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198
m,p-Xylenes		<0.00402	0.00402	<0.00404	0.00404	<0.00402	0.00402	<0.00398	0.00398	<0.00398	0.00398	<0.00397	0.00397
o-Xylene		<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198
Total Xylenes		<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198
Total BTEX		<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198
Chloride by EPA 300	***Extracted:***	Oct-25-19 08:30		Oct-25-19 08:30		Oct-25-19 08:30		Oct-25-19 08:30		Oct-25-19 08:30		Oct-25-19 08:30	
	Analyzed:	Oct-25-19 10:27		Oct-25-19 10:32		Oct-25-19 10:37		Oct-25-19 10:42		Oct-25-19 10:47		Oct-25-19 11:03	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		19.9	4.99	64.7	4.96	540	4.95	507	5.02	336	4.95	22.0	5.04
TPH By SW8015 Mod	***Extracted:***	Oct-25-19 11:00		Oct-25-19 11:00		Oct-25-19 11:00		Oct-25-19 12:00		Oct-25-19 12:00		Oct-25-19 12:00	
	Analyzed:	Oct-25-19 18:57		Oct-25-19 19:15		Oct-25-19 11:49		Oct-25-19 12:52		Oct-25-19 13:12		Oct-25-19 13:33	
	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	<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9
Total TPH		<49.9	49.9	<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested		640979-025		640979-026		640979-027		640979-028		640979-029		640979-030	
	Lab Id:	640979-025		640979-026		640979-027		640979-028		640979-029		640979-030	
	Field Id:	Bottom Hole-25		Bottom Hole-26		Bottom Hole-27		Bottom Hole-28		Bottom Hole-29		Bottom Hole-30	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 11:05		Oct-22-19 11:10		Oct-22-19 11:15		Oct-22-19 11:20		Oct-22-19 11:25		Oct-22-19 11:30	
BTEX by EPA 8021B	*Extracted:*	Oct-27-19 11:15		Oct-27-19 11:15		Oct-27-19 11:15		Oct-27-19 11:15		Oct-27-19 11:15		Oct-27-19 11:15	
	Analyzed:	Oct-28-19 04:57		Oct-28-19 05:17		Oct-28-19 05:37		Oct-28-19 05:57		Oct-28-19 06:17		Oct-28-19 06:37	
	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	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
Toluene		<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
Ethylbenzene		<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
m,p-Xylenes		<0.00399	0.00399	<0.00397	0.00397	<0.00402	0.00402	<0.00399	0.00399	<0.00400	0.00400	<0.00403	0.00403
o-Xylene		<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
Total Xylenes		<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
Total BTEX		<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
Chloride by EPA 300	*Extracted:*	Oct-25-19 08:30		Oct-25-19 08:30		Oct-25-19 08:30		Oct-25-19 08:30		Oct-25-19 08:30		Oct-25-19 08:30	
	Analyzed:	Oct-25-19 11:08		Oct-25-19 11:23		Oct-25-19 11:29		Oct-25-19 11:34		Oct-25-19 11:39		Oct-25-19 11:44	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		14.1	5.01	151	4.98	166	4.96	515	4.99	6.94	5.00	120	5.00
TPH By SW8015 Mod	*Extracted:*	Oct-25-19 12:00		Oct-25-19 12:00		Oct-25-19 12:00		Oct-25-19 12:00		Oct-25-19 12:00		Oct-25-19 12:00	
	Analyzed:	Oct-25-19 13:54		Oct-25-19 14:15		Oct-25-19 14:36		Oct-25-19 14:57		Oct-25-19 15:18		Oct-25-19 15:38	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0
Diesel Range Organics (DRO)		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0
Total TPH		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	640979-031		640979-032		640979-033		640979-034		640979-035		640979-036	
	Field Id:	Bottom Hole-31		Bottom Hole-32		Bottom Hole-33		Bottom Hole-34		Bottom Hole-35		Bottom Hole-36	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 11:35		Oct-22-19 11:40		Oct-22-19 11:45		Oct-22-19 11:50		Oct-22-19 11:55		Oct-22-19 12:00	
BTEX by EPA 8021B	***Extracted:***	Oct-27-19 11:15		Oct-27-19 11:15		Oct-27-19 11:15		Oct-27-19 11:15		Oct-27-19 11:15		Oct-27-19 11:15	
	Analyzed:	Oct-28-19 07:56		Oct-28-19 08:17		Oct-28-19 09:35		Oct-28-19 09:55		Oct-28-19 10:15		Oct-28-19 10:36	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00202	0.00202	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198
Toluene		<0.00202	0.00202	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198
Ethylbenzene		<0.00202	0.00202	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198
m,p-Xylenes		<0.00403	0.00403	<0.00402	0.00402	<0.00403	0.00403	<0.00401	0.00401	<0.00398	0.00398	<0.00396	0.00396
o-Xylene		<0.00202	0.00202	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198
Total Xylenes		<0.00202	0.00202	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198
Total BTEX		<0.00202	0.00202	<0.00201	0.00201	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198
Chloride by EPA 300	***Extracted:***	Oct-25-19 08:30		Oct-25-19 08:30		Oct-25-19 09:00		Oct-25-19 09:00		Oct-25-19 09:00		Oct-25-19 09:00	
	Analyzed:	Oct-25-19 11:49		Oct-25-19 11:54		Oct-25-19 09:42		Oct-25-19 09:59		Oct-25-19 10:04		Oct-25-19 10:10	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		755	5.00	35.4	5.04	73.7	5.00	<4.95	4.95	98.7	5.00	291	4.98
TPH By SW8015 Mod	***Extracted:***	Oct-25-19 12:00		Oct-25-19 12:00		Oct-25-19 12:00		Oct-25-19 12:00		Oct-25-19 12:00		Oct-25-19 12:00	
	Analyzed:	Oct-25-19 16:20		Oct-25-19 16:41		Oct-25-19 17:02		Oct-25-19 17:23		Oct-25-19 17:44		Oct-25-19 18:04	
	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	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<50.0	50.0
Diesel Range Organics (DRO)		<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<50.0	50.0
Total TPH		<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<50.0	50.0

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	640979-037		640979-038		640979-039		640979-040		640979-041		640979-042	
	Field Id:	Bottom Hole-37		Bottom Hole-38		Bottom Hole-39		Bottom Hole-40		Bottom Hole-41		Bottom Hole-42	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 12:05		Oct-22-19 12:10		Oct-22-19 12:15		Oct-22-19 12:20		Oct-22-19 12:25		Oct-22-19 12:30	
BTEX by EPA 8021B	***Extracted:***	Oct-27-19 11:15		Oct-27-19 11:15		Oct-27-19 11:15		Oct-27-19 11:15		Oct-27-19 11:30		Oct-27-19 11:30	
	Analyzed:	Oct-28-19 10:56		Oct-28-19 11:16		Oct-28-19 11:36		Oct-28-19 11:56		Oct-29-19 03:12		Oct-29-19 03:33	
	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	<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200
Toluene		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200
Ethylbenzene		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200
m,p-Xylenes		<0.00399	0.00399	<0.00403	0.00403	<0.00399	0.00399	<0.00397	0.00397	<0.00400	0.00400	<0.00400	0.00400
o-Xylene		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200
Total Xylenes		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200
Total BTEX		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200
Chloride by EPA 300	***Extracted:***	Oct-25-19 09:00		Oct-25-19 09:00		Oct-25-19 09:00		Oct-25-19 09:00		Oct-25-19 09:00		Oct-25-19 09:00	
	Analyzed:	Oct-25-19 10:15		Oct-25-19 10:31		Oct-25-19 10:37		Oct-25-19 10:42		Oct-25-19 10:48		Oct-25-19 10:53	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		19.7	5.00	134	4.96	24.1	5.05	50.0	5.00	13.4	4.96	34.0	4.99
TPH By SW8015 Mod	***Extracted:***	Oct-25-19 12:00		Oct-25-19 12:00		Oct-25-19 12:00		Oct-25-19 12:00		Oct-26-19 11:00		Oct-26-19 11:00	
	Analyzed:	Oct-25-19 18:25		Oct-25-19 18:46		Oct-25-19 19:07		Oct-25-19 19:28		Oct-26-19 14:15		Oct-26-19 15:12	
	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	<50.0	50.0	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<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)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Total TPH		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	640979-043		640979-044		640979-045		640979-046		640979-047		640979-048	
	Field Id:	Bottom Hole-43		Bottom Hole-44		Bottom Hole-45		Bottom Hole-46		Bottom Hole-47		Bottom Hole-48	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 12:35		Oct-22-19 12:40		Oct-22-19 12:45		Oct-22-19 12:50		Oct-22-19 12:55		Oct-23-19 10:30	
BTEX by EPA 8021B	***Extracted:***	Oct-27-19 11:30		Oct-27-19 11:30		Oct-27-19 11:30		Oct-27-19 11:30		Oct-27-19 11:30		Oct-27-19 11:30	
	Analyzed:	Oct-29-19 03:53		Oct-29-19 04:13		Oct-29-19 04:33		Oct-29-19 04:53		Oct-29-19 05:13		Oct-29-19 05:33	
	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	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199
Toluene		<0.00199	0.00199	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199
Ethylbenzene		<0.00199	0.00199	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199
m,p-Xylenes		<0.00398	0.00398	<0.00396	0.00396	<0.00402	0.00402	<0.00401	0.00401	<0.00396	0.00396	<0.00398	0.00398
o-Xylene		<0.00199	0.00199	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199
Total Xylenes		<0.00199	0.00199	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199
Total BTEX		<0.00199	0.00199	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199
Chloride by EPA 300	***Extracted:***	Oct-25-19 09:00		Oct-25-19 09:00		Oct-25-19 09:00		Oct-25-19 09:00		Oct-25-19 09:00		Oct-25-19 09:00	
	Analyzed:	Oct-25-19 10:59		Oct-25-19 12:17		Oct-25-19 11:20		Oct-25-19 11:37		Oct-25-19 11:42		Oct-25-19 11:48	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		241	5.04	50.9	4.98	246	5.00	276	5.00	442	4.97	178	5.03
TPH By SW8015 Mod	***Extracted:***	Oct-26-19 11:00		Oct-26-19 11:00		Oct-26-19 11:00		Oct-26-19 11:00		Oct-26-19 11:00		Oct-26-19 11:00	
	Analyzed:	Oct-26-19 15:30		Oct-26-19 15:49		Oct-26-19 16:07		Oct-26-19 16:26		Oct-26-19 16:45		Oct-26-19 17:04	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9
Total TPH		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested		640979-049		640979-050		640979-051		640979-052		640979-053		640979-054	
	Lab Id:	640979-049		640979-050		640979-051		640979-052		640979-053		640979-054	
	Field Id:	Bottom Hole-49		Bottom Hole-50		Bottom Hole-51		Bottom Hole-52		Bottom Hole-53		Bottom Hole-54	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-23-19 13:05		Oct-23-19 13:10		Oct-23-19 13:15		Oct-23-19 13:20		Oct-23-19 13:25		Oct-23-19 13:30	
BTEX by EPA 8021B	*Extracted:*	Oct-27-19 11:30		Oct-27-19 11:30		Oct-27-19 11:30		Oct-27-19 11:30		Oct-27-19 11:30		Oct-27-19 11:30	
	Analyzed:	Oct-29-19 05:54		Oct-29-19 06:14		Oct-29-19 07:33		Oct-29-19 07:53		Oct-29-19 08:13		Oct-29-19 08:33	
	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	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202
Toluene		<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202
Ethylbenzene		<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202
m,p-Xylenes		<0.00400	0.00400	<0.00402	0.00402	<0.00399	0.00399	<0.00399	0.00399	<0.00397	0.00397	<0.00404	0.00404
o-Xylene		<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202
Total Xylenes		<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202
Total BTEX		<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202
Chloride by EPA 300	*Extracted:*	Oct-25-19 09:00		Oct-25-19 09:00		Oct-25-19 09:00		Oct-25-19 09:00		Oct-25-19 11:20		Oct-25-19 11:20	
	Analyzed:	Oct-25-19 11:54		Oct-25-19 12:00		Oct-25-19 12:05		Oct-25-19 12:11		Oct-25-19 12:31		Oct-25-19 12:46	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		100	5.04	32.0	4.98	728	4.98	266	5.01	83.5	4.96	114	4.99
TPH By SW8015 Mod	*Extracted:*	Oct-26-19 11:00		Oct-26-19 11:00		Oct-26-19 11:00		Oct-26-19 11:00		Oct-26-19 11:00		Oct-26-19 11:00	
	Analyzed:	Oct-26-19 17:23		Oct-26-19 17:42		Oct-26-19 18:20		Oct-26-19 18:39		Oct-26-19 18:57		Oct-26-19 19:17	
	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	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8
Diesel Range Organics (DRO)		<50.0	50.0	<49.8	49.8	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.8	49.8	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8
Total TPH		<50.0	50.0	<49.8	49.8	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	640979-055		640979-056		640979-057		640979-058		640979-059		640979-060	
	Field Id:	Bottom Hole-55		Bottom Hole-56		Bottom Hole-57		Bottom Hole-58		Bottom Hole-59		Bottom Hole-60	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-23-19 13:35		Oct-23-19 13:40		Oct-23-19 13:45		Oct-23-19 13:50		Oct-23-19 13:55		Oct-23-19 14:00	
BTEX by EPA 8021B	***Extracted:***	Oct-27-19 11:30		Oct-27-19 11:30		Oct-27-19 11:30		Oct-27-19 11:30		Oct-27-19 11:30		Oct-27-19 11:30	
	Analyzed:	Oct-29-19 08:53		Oct-29-19 09:14		Oct-29-19 09:34		Oct-29-19 09:54		Oct-29-19 10:15		Oct-29-19 10:35	
	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	<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200
Toluene		<0.00199	0.00199	<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200
Ethylbenzene		<0.00199	0.00199	<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200
m,p-Xylenes		<0.00398	0.00398	<0.00403	0.00403	<0.00398	0.00398	<0.00398	0.00398	<0.00398	0.00398	<0.00401	0.00401
o-Xylene		<0.00199	0.00199	<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200
Total Xylenes		<0.00199	0.00199	<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200
Total BTEX		<0.00199	0.00199	<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200
Chloride by EPA 300	***Extracted:***	Oct-25-19 11:20		Oct-25-19 11:20		Oct-25-19 11:20		Oct-25-19 11:20		Oct-25-19 11:20		Oct-25-19 11:20	
	Analyzed:	Oct-25-19 12:52		Oct-25-19 12:57		Oct-25-19 13:02		Oct-25-19 13:17		Oct-25-19 13:22		Oct-25-19 13:27	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		149	4.98	909	5.04	239	4.96	17.0	4.97	482	5.04	874	5.02
TPH By SW8015 Mod	***Extracted:***	Oct-26-19 11:00		Oct-26-19 11:00		Oct-26-19 11:00		Oct-26-19 11:00		Oct-26-19 11:00		Oct-26-19 11:00	
	Analyzed:	Oct-26-19 19:35		Oct-26-19 19:54		Oct-26-19 20:13		Oct-26-19 20:31		Oct-26-19 20:50		Oct-26-19 21:09	
	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	<50.0	50.0	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Total TPH		<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested		640979-061		640979-062		640979-063		640979-064		640979-065		640979-066	
	Field Id:	Bottom Hole-61		Bottom Hole-62		Bottom Hole-63		Bottom Hole-64		Bottom Hole-65		Bottom Hole-66	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-23-19 14:05		Oct-23-19 14:10		Oct-23-19 14:15		Oct-23-19 14:20		Oct-23-19 14:25		Oct-23-19 14:30	
BTEX by EPA 8021B	*Extracted:*	Oct-27-19 11:45		Oct-27-19 11:45		Oct-27-19 11:45		Oct-27-19 11:45		Oct-27-19 11:45		Oct-27-19 11:45	
	Analyzed:	Oct-28-19 11:51		Oct-28-19 12:12		Oct-28-19 12:32		Oct-28-19 12:52		Oct-28-19 13:12		Oct-28-19 13:32	
	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	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
Toluene		<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
Ethylbenzene		<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
m,p-Xylenes		<0.00402	0.00402	<0.00398	0.00398	<0.00399	0.00399	<0.00396	0.00396	<0.00398	0.00398	<0.00400	0.00400
o-Xylene		<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
Total Xylenes		<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
Total BTEX		<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
Chloride by EPA 300	*Extracted:*	Oct-25-19 11:20		Oct-25-19 11:20		Oct-25-19 11:20		Oct-25-19 11:20		Oct-25-19 11:20		Oct-25-19 11:20	
	Analyzed:	Oct-25-19 13:33		Oct-25-19 13:38		Oct-25-19 13:43		Oct-25-19 13:58		Oct-25-19 14:03		Oct-25-19 14:19	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		997	5.05	540	5.00	121	4.98	845	5.03	740	4.99	923	4.97
TPH By SW8015 Mod	*Extracted:*	Oct-26-19 17:00		Oct-26-19 17:00		Oct-26-19 17:00		Oct-26-19 17:00		Oct-26-19 17:00		Oct-26-19 17:00	
	Analyzed:	Oct-26-19 22:43		Oct-26-19 23:39		Oct-26-19 23:58		Oct-27-19 00:17		Oct-27-19 00:35		Oct-27-19 00:54	
	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	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0
Total TPH		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0

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Version: 1.%

Jessica Kramer
Project Assistant

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	640979-067		640979-068		640979-069		640979-070		640979-071		640979-072	
	Field Id:	Bottom Hole-67		Bottom Hole-68		Bottom Hole-69		Bottom Hole-70		Bottom Hole-71		Bottom Hole-72	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-23-19 14:35		Oct-23-19 14:40		Oct-23-19 14:45		Oct-23-19 14:50		Oct-23-19 14:55		Oct-23-19 15:00	
BTEX by EPA 8021B	***Extracted:***	Oct-27-19 11:45		Oct-27-19 11:45		Oct-27-19 11:45		Oct-27-19 11:45		Oct-27-19 11:45		Oct-27-19 11:45	
	Analyzed:	Oct-28-19 13:52		Oct-28-19 14:12		Oct-28-19 14:33		Oct-28-19 14:53		Oct-28-19 16:11		Oct-28-19 16:31	
	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	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198
Toluene		<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198
Ethylbenzene		<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198
m,p-Xylenes		<0.00398	0.00398	<0.00401	0.00401	<0.00398	0.00398	<0.00402	0.00402	<0.00400	0.00400	<0.00397	0.00397
o-Xylene		<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198
Total Xylenes		<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198
Total BTEX		<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198
Chloride by EPA 300	***Extracted:***	Oct-25-19 11:20		Oct-25-19 11:20		Oct-25-19 14:48		Oct-25-19 14:48		Oct-25-19 14:48		Oct-25-19 14:48	
	Analyzed:	Oct-25-19 14:24		Oct-25-19 14:29		Oct-25-19 15:22		Oct-25-19 15:39		Oct-25-19 15:45		Oct-25-19 15:51	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		903	5.02	985	4.96	157	5.00	1220	4.98	817	5.02	23.0	4.96
TPH By SW8015 Mod	***Extracted:***	Oct-26-19 17:00		Oct-26-19 17:00		Oct-26-19 17:00		Oct-26-19 17:00		Oct-26-19 17:00		Oct-26-19 17:00	
	Analyzed:	Oct-27-19 01:13		Oct-27-19 01:32		Oct-27-19 01:51		Oct-27-19 02:10		Oct-27-19 02:47		Oct-27-19 03:06	
	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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Jessica Kramer
Project Assistant

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	640979-073		640979-074		640979-075		640979-076		640979-077		640979-078	
	Field Id:	Bottom Hole-73		Bottom Hole-74		Bottom Hole-75		Bottom Hole-76		Bottom Hole-77		Bottom Hole-78	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-23-19 15:05		Oct-23-19 15:10		Oct-23-19 15:15		Oct-23-19 15:20		Oct-23-19 15:25		Oct-23-19 15:30	
BTEX by EPA 8021B	***Extracted:***	Oct-27-19 11:45		Oct-27-19 11:45		Oct-27-19 11:45		Oct-27-19 11:45		Oct-27-19 11:45		Oct-27-19 11:45	
	Analyzed:	Oct-28-19 16:51		Oct-28-19 17:12		Oct-28-19 17:32		Oct-28-19 17:52		Oct-28-19 18:12		Oct-28-19 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	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200
Toluene		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200
Ethylbenzene		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200
m,p-Xylenes		<0.00398	0.00398	<0.00399	0.00399	<0.00397	0.00397	<0.00403	0.00403	<0.00398	0.00398	<0.00399	0.00399
o-Xylene		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200
Total Xylenes		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200
Total BTEX		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200
Chloride by EPA 300	***Extracted:***	Oct-25-19 11:20		Oct-25-19 11:20		Oct-25-19 11:20		Oct-25-19 11:20		Oct-25-19 14:30		Oct-25-19 14:30	
	Analyzed:	Oct-25-19 14:34		Oct-25-19 14:39		Oct-25-19 14:45		Oct-25-19 14:50		Oct-25-19 16:53		Oct-25-19 17:22	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		3150	25.0	484	5.00	17.1	5.02	243	4.98	55.0	4.99	28.8	4.95
TPH By SW8015 Mod	***Extracted:***	Oct-26-19 17:00		Oct-26-19 17:00		Oct-26-19 17:00		Oct-26-19 17:00		Oct-26-19 17:00		Oct-26-19 17:00	
	Analyzed:	Oct-27-19 03:25		Oct-27-19 03:44		Oct-27-19 04:03		Oct-27-19 04:22		Oct-27-19 04:41		Oct-27-19 05:00	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9
Diesel Range Organics (DRO)		<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9
Total TPH		<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	640979-079		640979-080		640979-081		640979-082		640979-083		640979-084	
	Field Id:	Bottom Hole-79		Bottom Hole-80		Bottom Hole-81		Bottom Hole-82		Bottom Hole-83		Bottom Hole-84	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-23-19 13:30		Oct-23-19 15:35		Oct-23-19 15:40		Oct-23-19 15:45		Oct-23-19 15:50		Oct-23-19 15:55	
BTEX by EPA 8021B	***Extracted:***	Oct-27-19 11:45		Oct-27-19 11:45		Oct-28-19 12:00		Oct-28-19 12:00		Oct-28-19 12:00		Oct-28-19 12:00	
	Analyzed:	Oct-28-19 18:52		Oct-28-19 19:13		Oct-28-19 22:31		Oct-28-19 22:51		Oct-28-19 23:11		Oct-28-19 23:31	
	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	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202
Toluene		<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202
Ethylbenzene		<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202
m,p-Xylenes		<0.00399	0.00399	<0.00398	0.00398	<0.00403	0.00403	<0.00401	0.00401	<0.00398	0.00398	<0.00404	0.00404
o-Xylene		<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202
Total Xylenes		<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202
Total BTEX		<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00202	0.00202
Chloride by EPA 300	***Extracted:***	Oct-25-19 14:30		Oct-25-19 14:30		Oct-25-19 14:30		Oct-25-19 14:30		Oct-25-19 14:30		Oct-25-19 14:48	
	Analyzed:	Oct-25-19 17:27		Oct-25-19 17:33		Oct-25-19 17:38		Oct-25-19 17:43		Oct-25-19 17:48		Oct-25-19 15:57	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		208	4.95	360	5.00	528	4.98	873	5.05	43.1	4.96	32.7	5.05
TPH By SW8015 Mod	***Extracted:***	Oct-26-19 17:00		Oct-26-19 17:00		Oct-27-19 10:00		Oct-27-19 10:00		Oct-27-19 10:00		Oct-27-19 10:00	
	Analyzed:	Oct-27-19 05:19		Oct-27-19 05:38		Oct-27-19 12:17		Oct-27-19 13:14		Oct-27-19 13:33		Oct-27-19 13:52	
	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	<50.0	50.0	<49.8	49.8	<49.9	49.9
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.8	49.8	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.8	49.8	<49.9	49.9
Total TPH		<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.8	49.8	<49.9	49.9

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

Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	640979-085		640979-086		640979-087		640979-088		640979-089		640979-090	
	Field Id:	Bottom Hole-85		Bottom Hole-86		Bottom Hole-87		Bottom Hole-88		Bottom Hole-89		Bottom Hole-90	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-23-19 16:00		Oct-23-19 16:05		Oct-23-19 16:10		Oct-23-19 16:15		Oct-23-19 16:20		Oct-23-19 16:25	
BTEX by EPA 8021B	***Extracted:***	Oct-28-19 12:00		Oct-28-19 12:00		Oct-28-19 12:00		Oct-28-19 12:00		Oct-28-19 12:00		Oct-28-19 12:00	
	Analyzed:	Oct-28-19 23:51		Oct-29-19 00:11		Oct-29-19 00:31		Oct-29-19 00:52		Oct-29-19 01:12		Oct-29-19 01:32	
	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	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
Toluene		<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
Ethylbenzene		<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
m,p-Xylenes		<0.00397	0.00397	<0.00398	0.00398	<0.00400	0.00400	<0.00398	0.00398	<0.00399	0.00399	<0.00402	0.00402
o-Xylene		<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
Total Xylenes		<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
Total BTEX		<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
Chloride by EPA 300	***Extracted:***	Oct-25-19 14:48		Oct-25-19 14:48		Oct-25-19 14:48		Oct-25-19 14:48		Oct-25-19 14:48		Oct-25-19 14:48	
	Analyzed:	Oct-25-19 16:14		Oct-25-19 16:20		Oct-25-19 16:26		Oct-25-19 16:32		Oct-25-19 16:37		Oct-25-19 16:43	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		977	5.05	2950	25.3	252	4.98	257	4.96	269	5.01	26.1	5.05
TPH By SW8015 Mod	***Extracted:***	Oct-27-19 10:00		Oct-27-19 10:00		Oct-27-19 10:00		Oct-27-19 10:00		Oct-27-19 10:00		Oct-27-19 10:00	
	Analyzed:	Oct-27-19 14:11		Oct-27-19 14:30		Oct-27-19 14:49		Oct-27-19 15:07		Oct-27-19 15:26		Oct-27-19 15:44	
	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	<49.9	49.9
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9
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	<49.9	49.9
Total TPH		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9

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Version: 1.%

Jessica Kramer
Project Assistant

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	640979-091		640979-092		640979-093		640979-094		640979-095		640979-096	
	Field Id:	Bottom Hole-91		Bottom Hole-92		Bottom Hole-93		Bottom Hole-94		Bottom Hole-95		Bottom Hole-96	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-23-19 16:30		Oct-23-19 16:35		Oct-23-19 16:40		Oct-23-19 16:45		Oct-23-19 16:50		Oct-23-19 16:55	
BTEX by EPA 8021B	***Extracted:***	Oct-28-19 12:00		Oct-28-19 12:00		Oct-28-19 12:00		Oct-28-19 12:00		Oct-28-19 12:00		Oct-28-19 12:00	
	Analyzed:	Oct-29-19 02:50		Oct-29-19 03:10		Oct-29-19 03:30		Oct-29-19 03:50		Oct-29-19 04:10		Oct-29-19 04:31	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00202	0.00202	<0.00202	0.00202	<0.00199	0.00199	<0.00202	0.00202	<0.00198	0.00198	<0.00199	0.00199
Toluene		<0.00202	0.00202	<0.00202	0.00202	<0.00199	0.00199	<0.00202	0.00202	<0.00198	0.00198	<0.00199	0.00199
Ethylbenzene		<0.00202	0.00202	<0.00202	0.00202	<0.00199	0.00199	<0.00202	0.00202	<0.00198	0.00198	<0.00199	0.00199
m,p-Xylenes		<0.00403	0.00403	<0.00404	0.00404	<0.00398	0.00398	<0.00404	0.00404	<0.00397	0.00397	<0.00398	0.00398
o-Xylene		<0.00202	0.00202	<0.00202	0.00202	<0.00199	0.00199	<0.00202	0.00202	<0.00198	0.00198	<0.00199	0.00199
Total Xylenes		<0.00202	0.00202	<0.00202	0.00202	<0.00199	0.00199	<0.00202	0.00202	<0.00198	0.00198	<0.00199	0.00199
Total BTEX		<0.00202	0.00202	<0.00202	0.00202	<0.00199	0.00199	<0.00202	0.00202	<0.00198	0.00198	<0.00199	0.00199
Chloride by EPA 300	***Extracted:***	Oct-28-19 11:25		Oct-28-19 11:25		Oct-25-19 14:48		Oct-25-19 14:48		Oct-25-19 14:48		Oct-25-19 14:48	
	Analyzed:	Oct-28-19 12:21		Oct-28-19 12:38		Oct-25-19 17:24		Oct-25-19 17:30		Oct-25-19 17:36		Oct-25-19 17:41	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		15.0	4.98	12.7	5.00	38.1	5.00	9.90	5.00	38.6	5.00	40.8	5.04
TPH By SW8015 Mod	***Extracted:***	Oct-27-19 10:00		Oct-27-19 10:00		Oct-27-19 10:00		Oct-27-19 10:00		Oct-27-19 10:00		Oct-27-19 10:00	
	Analyzed:	Oct-27-19 16:22		Oct-27-19 16:40		Oct-27-19 16:59		Oct-27-19 17:18		Oct-27-19 17:37		Oct-27-19 17:56	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.9	49.9
Diesel Range Organics (DRO)		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.9	49.9
Total TPH		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.9	49.9

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 640979

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Thu Oct-24-19 02:05 pm
Report Date: 30-OCT-19
Project Manager: Jessica Kramer

Analysis Requested									
	Lab Id:	640979-097		640979-098					
	Field Id:	Bottom Hole-97		Bottom Hole-98					
	Depth:								
	Matrix:	SOIL		SOIL					
	Sampled:	Oct-23-19 17:00		Oct-23-19 17:05					
BTEX by EPA 8021B	***Extracted:***	Oct-28-19 12:00		Oct-28-19 12:00					
	Analyzed:	Oct-29-19 04:51		Oct-29-19 05:11					
	Units/RL:	mg/kg	RL	mg/kg	RL				
Benzene		<0.00198	0.00198	<0.00198	0.00198				
Toluene		<0.00198	0.00198	<0.00198	0.00198				
Ethylbenzene		<0.00198	0.00198	<0.00198	0.00198				
m,p-Xylenes		<0.00397	0.00397	<0.00397	0.00397				
o-Xylene		<0.00198	0.00198	<0.00198	0.00198				
Total Xylenes		<0.00198	0.00198	<0.00198	0.00198				
Total BTEX		<0.00198	0.00198	<0.00198	0.00198				
Chloride by EPA 300	***Extracted:***	Oct-25-19 14:48		Oct-25-19 14:48					
	Analyzed:	Oct-25-19 17:47		Oct-25-19 17:53					
	Units/RL:	mg/kg	RL	mg/kg	RL				
Chloride		205	4.96	26.9	4.98				
TPH By SW8015 Mod	***Extracted:***	Oct-27-19 10:00		Oct-27-19 10:00					
	Analyzed:	Oct-27-19 18:14		Oct-27-19 18:33					
	Units/RL:	mg/kg	RL	mg/kg	RL				
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9				
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9				
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9				
Total TPH		<50.0	50.0	<49.9	49.9				

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Analytical Report 640979

for

Tetra Tech- Midland

Project Manager: Clair Gonzales

EOG Neptune 202

212C-MD-01841

30-OCT-19

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142), North Carolina (681)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

30-OCT-19

Project Manager: **Clair Gonzales**
Tetra Tech- Midland
901 West Wall ST
Midland, TX 79701

Reference: XENCO Report No(s): **640979**
EOG Neptune 202
Project Address: Lea Co, NM

Clair Gonzales:

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 XENCO Report Number(s) 640979. 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 XENCO Laboratories. 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. 640979 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 XENCO Laboratories 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 Assistant

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Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

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Sample Cross Reference 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Bottom Hole-1	S	10-22-19 09:00		640979-001
Bottom Hole-2	S	10-22-19 09:05		640979-002
Bottom Hole-3	S	10-22-19 09:10		640979-003
Bottom Hole-4	S	10-22-19 09:20		640979-004
Bottom Hole-5	S	10-22-19 09:25		640979-005
Bottom Hole-6	S	10-22-19 09:30		640979-006
Bottom Hole-7	S	10-22-19 09:35		640979-007
Bottom Hole-8	S	10-22-19 09:40		640979-008
Bottom Hole-9	S	10-22-19 09:45		640979-009
Bottom Hole-10	S	10-22-19 09:50		640979-010
Bottom Hole-11	S	10-22-19 09:55		640979-011
Bottom Hole-12	S	10-22-19 10:00		640979-012
Bottom Hole-13	S	10-22-19 10:05		640979-013
Bottom Hole-14	S	10-22-19 10:10		640979-014
Bottom Hole-15	S	10-22-19 10:15		640979-015
Bottom Hole-16	S	10-22-19 10:20		640979-016
Bottom Hole-17	S	10-22-19 10:25		640979-017
Bottom Hole-18	S	10-22-19 10:30		640979-018
Bottom Hole-19	S	10-22-19 10:35		640979-019
Bottom Hole-20	S	10-22-19 10:40		640979-020
Bottom Hole-21	S	10-22-19 10:45		640979-021
Bottom Hole-22	S	10-22-19 10:50		640979-022
Bottom Hole-23	S	10-22-19 10:55		640979-023
Bottom Hole-24	S	10-22-19 11:00		640979-024
Bottom Hole-25	S	10-22-19 11:05		640979-025
Bottom Hole-26	S	10-22-19 11:10		640979-026
Bottom Hole-27	S	10-22-19 11:15		640979-027
Bottom Hole-28	S	10-22-19 11:20		640979-028
Bottom Hole-29	S	10-22-19 11:25		640979-029
Bottom Hole-30	S	10-22-19 11:30		640979-030
Bottom Hole-31	S	10-22-19 11:35		640979-031
Bottom Hole-32	S	10-22-19 11:40		640979-032
Bottom Hole-33	S	10-22-19 11:45		640979-033
Bottom Hole-34	S	10-22-19 11:50		640979-034
Bottom Hole-35	S	10-22-19 11:55		640979-035
Bottom Hole-36	S	10-22-19 12:00		640979-036
Bottom Hole-37	S	10-22-19 12:05		640979-037
Bottom Hole-38	S	10-22-19 12:10		640979-038
Bottom Hole-39	S	10-22-19 12:15		640979-039
Bottom Hole-40	S	10-22-19 12:20		640979-040
Bottom Hole-41	S	10-22-19 12:25		640979-041
Bottom Hole-42	S	10-22-19 12:30		640979-042
Bottom Hole-43	S	10-22-19 12:35		640979-043

Version: 1.%

Sample Cross Reference 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Bottom Hole-44	S	10-22-19 12:40	640979-044
Bottom Hole-45	S	10-22-19 12:45	640979-045
Bottom Hole-46	S	10-22-19 12:50	640979-046
Bottom Hole-47	S	10-22-19 12:55	640979-047
Bottom Hole-48	S	10-23-19 10:30	640979-048
Bottom Hole-49	S	10-23-19 13:05	640979-049
Bottom Hole-50	S	10-23-19 13:10	640979-050
Bottom Hole-51	S	10-23-19 13:15	640979-051
Bottom Hole-52	S	10-23-19 13:20	640979-052
Bottom Hole-53	S	10-23-19 13:25	640979-053
Bottom Hole-54	S	10-23-19 13:30	640979-054
Bottom Hole-55	S	10-23-19 13:35	640979-055
Bottom Hole-56	S	10-23-19 13:40	640979-056
Bottom Hole-57	S	10-23-19 13:45	640979-057
Bottom Hole-58	S	10-23-19 13:50	640979-058
Bottom Hole-59	S	10-23-19 13:55	640979-059
Bottom Hole-60	S	10-23-19 14:00	640979-060
Bottom Hole-61	S	10-23-19 14:05	640979-061
Bottom Hole-62	S	10-23-19 14:10	640979-062
Bottom Hole-63	S	10-23-19 14:15	640979-063
Bottom Hole-64	S	10-23-19 14:20	640979-064
Bottom Hole-65	S	10-23-19 14:25	640979-065
Bottom Hole-66	S	10-23-19 14:30	640979-066
Bottom Hole-67	S	10-23-19 14:35	640979-067
Bottom Hole-68	S	10-23-19 14:40	640979-068
Bottom Hole-69	S	10-23-19 14:45	640979-069
Bottom Hole-70	S	10-23-19 14:50	640979-070
Bottom Hole-71	S	10-23-19 14:55	640979-071
Bottom Hole-72	S	10-23-19 15:00	640979-072
Bottom Hole-73	S	10-23-19 15:05	640979-073
Bottom Hole-74	S	10-23-19 15:10	640979-074
Bottom Hole-75	S	10-23-19 15:15	640979-075
Bottom Hole-76	S	10-23-19 15:20	640979-076
Bottom Hole-77	S	10-23-19 15:25	640979-077
Bottom Hole-78	S	10-23-19 15:30	640979-078
Bottom Hole-79	S	10-23-19 13:30	640979-079
Bottom Hole-80	S	10-23-19 15:35	640979-080
Bottom Hole-81	S	10-23-19 15:40	640979-081
Bottom Hole-82	S	10-23-19 15:45	640979-082
Bottom Hole-83	S	10-23-19 15:50	640979-083
Bottom Hole-84	S	10-23-19 15:55	640979-084
Bottom Hole-85	S	10-23-19 16:00	640979-085
Bottom Hole-86	S	10-23-19 16:05	640979-086
Bottom Hole-87	S	10-23-19 16:10	640979-087

Version: 1.%

Sample Cross Reference 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Bottom Hole-88	S	10-23-19 16:15	640979-088
Bottom Hole-89	S	10-23-19 16:20	640979-089
Bottom Hole-90	S	10-23-19 16:25	640979-090
Bottom Hole-91	S	10-23-19 16:30	640979-091
Bottom Hole-92	S	10-23-19 16:35	640979-092
Bottom Hole-93	S	10-23-19 16:40	640979-093
Bottom Hole-94	S	10-23-19 16:45	640979-094
Bottom Hole-95	S	10-23-19 16:50	640979-095
Bottom Hole-96	S	10-23-19 16:55	640979-096
Bottom Hole-97	S	10-23-19 17:00	640979-097
Bottom Hole-98	S	10-23-19 17:05	640979-098

CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: EOG Neptune 202

Project ID: *212C-MD-01841*
Work Order Number(s): *640979*

Report Date: *30-OCT-19*
Date Received: *10/24/2019*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3105380 Inorganic Anions by EPA 300
Lab Sample ID 640979-007 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 640979-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016.
The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3105505 Chloride by EPA 300
Lab Sample ID 640979-043 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 640979-033, -034, -035, -036, -037, -038, -039, -040, -041, -042, -043, -044, -045, -046, -047, -048, -049, -050, -051, -052.
The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3105507 Chloride by EPA 300
Lab Sample ID 640979-063 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 640979-053, -054, -055, -056, -057, -058, -059, -060, -061, -062, -063, -064, -065, -066, -067, -068, -073, -074, -075, -076.
The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3105576 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: EOG Neptune 202

Project ID: *212C-MD-01841*
Work Order Number(s): *640979*

Report Date: *30-OCT-19*
Date Received: *10/24/2019*

Batch: LBA-3105586 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.
Lab Sample ID 640979-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD).
Toluene recovered below QC limits in the Matrix Spike. Ethylbenzene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 640979-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019, -020.
The Laboratory Control Sample for Toluene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3105691 BTEX by EPA 8021B
Benzene Relative Percent Difference (RPD) between matrix spike and duplicate was above quality control limits.
Samples in the analytical batch are: 640979-081, -082, -083, -084, -085, -086, -087, -088, -089, -090, -091, -092, -093, -094, -095, -096, -097, -098
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.
Lab Sample ID 640979-081 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD).
Benzene, Toluene recovered below QC limits in the Matrix Spike. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 640979-081, -082, -083, -084, -085, -086, -087, -088, -089, -090, -091, -092, -093, -094, -095, -096, -097, -098.
The Laboratory Control Sample for Toluene, Benzene is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3105703 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3105707 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3105712 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-1** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-001 Date Collected: 10.22.19 09.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.24.19 17.00 Basis: Wet Weight

Seq Number: 3105380

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.95	4.95	mg/kg	10.24.19 21.15	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105538

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 12.25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 12.25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 12.25	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 12.25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-135	10.25.19 12.25	
o-Terphenyl	84-15-1	97	%	70-135	10.25.19 12.25	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-1**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-001	Date Collected:	10.22.19 09.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.27.19 16.56	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.27.19 16.56	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.27.19 16.56	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.27.19 16.56	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.27.19 16.56	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.27.19 16.56	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.27.19 16.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.27.19 16.56	
4-Bromofluorobenzene	460-00-4	96	%	70-130	10.27.19 16.56	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-2** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-002 Date Collected: 10.22.19 09.05

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.24.19 17.00 Basis: Wet Weight

Seq Number: 3105380

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.03	5.03	mg/kg	10.24.19 21.34	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105538

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 13.21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 13.21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 13.21	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 13.21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	10.25.19 13.21	
o-Terphenyl	84-15-1	89	%	70-135	10.25.19 13.21	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-2**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-002	Date Collected:	10.22.19 09.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.27.19 17.16	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.27.19 17.16	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.27.19 17.16	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.27.19 17.16	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.27.19 17.16	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.27.19 17.16	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.27.19 17.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	91	%	70-130	10.27.19 17.16	
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.27.19 17.16	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-3**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-003	Date Collected:	10.22.19 09.10		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.24.19 17.00	Basis:	Wet Weight
Seq Number:	3105380				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**73.0**	4.95	mg/kg	10.24.19 21.40		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.25.19 11.00	Basis:	Wet Weight
Seq Number:	3105538				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.25.19 13.40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.25.19 13.40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.25.19 13.40	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.25.19 13.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-135	10.25.19 13.40	
o-Terphenyl	84-15-1	91	%	70-135	10.25.19 13.40	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-3**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-003	Date Collected:	10.22.19 09.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.27.19 17.36	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.27.19 17.36	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.27.19 17.36	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.27.19 17.36	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.27.19 17.36	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.27.19 17.36	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.27.19 17.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.27.19 17.36	
4-Bromofluorobenzene	460-00-4	105	%	70-130	10.27.19 17.36	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-4** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-004 Date Collected: 10.22.19 09.20

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.24.19 17.00 Basis: Wet Weight

Seq Number: 3105380

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**753**	5.02	mg/kg	10.24.19 21.46		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105538

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 13.58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 13.58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 13.58	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 13.58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	10.25.19 13.58	
o-Terphenyl	84-15-1	93	%	70-135	10.25.19 13.58	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-4**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-004	Date Collected:	10.22.19 09.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.27.19 17.57	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.27.19 17.57	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.27.19 17.57	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.27.19 17.57	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.27.19 17.57	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.27.19 17.57	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.27.19 17.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.27.19 17.57	
4-Bromofluorobenzene	460-00-4	95	%	70-130	10.27.19 17.57	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-5** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-005 Date Collected: 10.22.19 09.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.24.19 17.00 Basis: Wet Weight

Seq Number: 3105380

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**12.1**	4.96	mg/kg	10.24.19 21.52		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105538

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.25.19 14.17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.25.19 14.17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.25.19 14.17	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.25.19 14.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	10.25.19 14.17	
o-Terphenyl	84-15-1	95	%	70-135	10.25.19 14.17	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-5**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-005	Date Collected:	10.22.19 09.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.27.19 18.17	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.27.19 18.17	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.27.19 18.17	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.27.19 18.17	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.27.19 18.17	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.27.19 18.17	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.27.19 18.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	10.27.19 18.17	
1,4-Difluorobenzene	540-36-3	109	%	70-130	10.27.19 18.17	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-6** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-006 Date Collected: 10.22.19 09.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.24.19 17.00 Basis: Wet Weight

Seq Number: 3105380

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**78.7**	5.04	mg/kg	10.24.19 21.58		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105538

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 14.36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 14.36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 14.36	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 14.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-135	10.25.19 14.36	
o-Terphenyl	84-15-1	89	%	70-135	10.25.19 14.36	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-6**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-006	Date Collected:	10.22.19 09.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.27.19 18.37	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.27.19 18.37	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.27.19 18.37	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.27.19 18.37	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.27.19 18.37	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.27.19 18.37	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.27.19 18.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	108	%	70-130	10.27.19 18.37	
1,4-Difluorobenzene	540-36-3	111	%	70-130	10.27.19 18.37	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-7** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-007 Date Collected: 10.22.19 09.35

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.24.19 17.00 Basis: Wet Weight

Seq Number: 3105380

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**175**	4.98	mg/kg	10.24.19 22.04		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105538

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 14.55	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 14.55	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 14.55	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 14.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-135	10.25.19 14.55	
o-Terphenyl	84-15-1	95	%	70-135	10.25.19 14.55	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-7**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-007	Date Collected:	10.22.19 09.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.27.19 18.57	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.27.19 18.57	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.27.19 18.57	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.27.19 18.57	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.27.19 18.57	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.27.19 18.57	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.27.19 18.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	97	%	70-130	10.27.19 18.57	
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.27.19 18.57	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-8** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-008 Date Collected: 10.22.19 09.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.24.19 17.00 Basis: Wet Weight

Seq Number: 3105380

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**28.4**	5.00	mg/kg	10.24.19 22.23		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105538

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.25.19 15.14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.25.19 15.14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.25.19 15.14	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.25.19 15.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	10.25.19 15.14	
o-Terphenyl	84-15-1	93	%	70-135	10.25.19 15.14	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-8**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-008	Date Collected:	10.22.19 09.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.27.19 19.17	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.27.19 19.17	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.27.19 19.17	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.27.19 19.17	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.27.19 19.17	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.27.19 19.17	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.27.19 19.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	94	%	70-130	10.27.19 19.17	
1,4-Difluorobenzene	540-36-3	94	%	70-130	10.27.19 19.17	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-9** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-009 Date Collected: 10.22.19 09.45

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.24.19 17.00 Basis: Wet Weight

Seq Number: 3105380

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**225**	4.96	mg/kg	10.24.19 22.29		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105538

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 15.32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 15.32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 15.32	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 15.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-135	10.25.19 15.32	
o-Terphenyl	84-15-1	95	%	70-135	10.25.19 15.32	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-9**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-009	Date Collected:	10.22.19 09.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.27.19 19.37	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.27.19 19.37	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.27.19 19.37	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.27.19 19.37	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.27.19 19.37	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.27.19 19.37	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.27.19 19.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.27.19 19.37	
4-Bromofluorobenzene	460-00-4	101	%	70-130	10.27.19 19.37	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-10** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-010 Date Collected: 10.22.19 09.50

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.24.19 17.00 Basis: Wet Weight

Seq Number: 3105380

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**16.7**	4.99	mg/kg	10.24.19 22.47		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105538

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 15.51	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 15.51	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 15.51	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 15.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	10.25.19 15.51	
o-Terphenyl	84-15-1	96	%	70-135	10.25.19 15.51	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-10**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-010	Date Collected:	10.22.19 09.50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.27.19 19.57	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.27.19 19.57	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.27.19 19.57	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.27.19 19.57	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.27.19 19.57	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.27.19 19.57	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.27.19 19.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.27.19 19.57	
4-Bromofluorobenzene	460-00-4	100	%	70-130	10.27.19 19.57	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-11** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-011 Date Collected: 10.22.19 09.55

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.24.19 17.00 Basis: Wet Weight

Seq Number: 3105380

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**41.0**	5.03	mg/kg	10.24.19 22.54		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105538

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.25.19 16.28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.25.19 16.28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.25.19 16.28	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.25.19 16.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	10.25.19 16.28	
o-Terphenyl	84-15-1	93	%	70-135	10.25.19 16.28	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-11**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-011	Date Collected:	10.22.19 09.55		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.27.19 21.16	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.27.19 21.16	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.27.19 21.16	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.27.19 21.16	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.27.19 21.16	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.27.19 21.16	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.27.19 21.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.27.19 21.16	
4-Bromofluorobenzene	460-00-4	108	%	70-130	10.27.19 21.16	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-12** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-012 Date Collected: 10.22.19 10.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.24.19 17.00 Basis: Wet Weight

Seq Number: 3105380

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**283**	4.98	mg/kg	10.24.19 23.00		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105538

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 16.46	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 16.46	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 16.46	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 16.46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	10.25.19 16.46	
o-Terphenyl	84-15-1	91	%	70-135	10.25.19 16.46	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-12**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-012	Date Collected:	10.22.19 10.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.27.19 21.36	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.27.19 21.36	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.27.19 21.36	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.27.19 21.36	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.27.19 21.36	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.27.19 21.36	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.27.19 21.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	70-130	10.27.19 21.36	
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.27.19 21.36	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-13**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-013	Date Collected:	10.22.19 10.05		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.24.19 17.00	Basis:	Wet Weight
Seq Number:	3105380				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**885**	5.00	mg/kg	10.24.19 23.06		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.25.19 11.00	Basis:	Wet Weight
Seq Number:	3105538				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.25.19 17.05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.25.19 17.05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.25.19 17.05	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.25.19 17.05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	10.25.19 17.05	
o-Terphenyl	84-15-1	90	%	70-135	10.25.19 17.05	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-13**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-013	Date Collected:	10.22.19 10.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.27.19 21.56	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.27.19 21.56	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.27.19 21.56	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.27.19 21.56	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.27.19 21.56	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.27.19 21.56	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.27.19 21.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	72	%	70-130	10.27.19 21.56	
1,4-Difluorobenzene	540-36-3	85	%	70-130	10.27.19 21.56	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-14**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-014	Date Collected:	10.22.19 10.10		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.24.19 17.00	Basis:	Wet Weight
Seq Number:	3105380				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**6.01**	5.02	mg/kg	10.24.19 23.12		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.25.19 11.00	Basis:	Wet Weight
Seq Number:	3105538				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 17.23	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 17.23	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 17.23	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 17.23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	10.25.19 17.23	
o-Terphenyl	84-15-1	94	%	70-135	10.25.19 17.23	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-14**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-014	Date Collected:	10.22.19 10.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.27.19 22.16	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.27.19 22.16	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.27.19 22.16	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.27.19 22.16	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.27.19 22.16	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.27.19 22.16	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.27.19 22.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	10.27.19 22.16	
1,4-Difluorobenzene	540-36-3	105	%	70-130	10.27.19 22.16	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-15** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-015 Date Collected: 10.22.19 10.15

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.24.19 17.00 Basis: Wet Weight

Seq Number: 3105380

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**81.7**	4.98	mg/kg	10.24.19 23.18		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105538

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 17.42	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 17.42	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 17.42	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 17.42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	10.25.19 17.42	
o-Terphenyl	84-15-1	95	%	70-135	10.25.19 17.42	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-15**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-015	Date Collected:	10.22.19 10.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.27.19 23.37	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.27.19 23.37	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.27.19 23.37	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.27.19 23.37	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.27.19 23.37	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.27.19 23.37	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.27.19 23.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	99	%	70-130	10.27.19 23.37	
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.27.19 23.37	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-16** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-016 Date Collected: 10.22.19 10.20

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.24.19 17.00 Basis: Wet Weight

Seq Number: 3105380

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**488**	4.96	mg/kg	10.24.19 23.24		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105538

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.25.19 18.00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.25.19 18.00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.25.19 18.00	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.25.19 18.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	10.25.19 18.00	
o-Terphenyl	84-15-1	92	%	70-135	10.25.19 18.00	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-16**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-016	Date Collected:	10.22.19 10.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.27.19 10.57	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.27.19 10.57	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.27.19 10.57	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.27.19 10.57	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.27.19 10.57	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.27.19 10.57	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.27.19 10.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	100	%	70-130	10.27.19 10.57	
1,4-Difluorobenzene	540-36-3	104	%	70-130	10.27.19 10.57	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-17**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-017	Date Collected:	10.22.19 10.25		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 08.30	Basis:	Wet Weight
Seq Number:	3105503				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**37.7**	5.05	mg/kg	10.25.19 10.06		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.25.19 11.00	Basis:	Wet Weight
Seq Number:	3105538				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 18.19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 18.19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 18.19	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 18.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-135	10.25.19 18.19	
o-Terphenyl	84-15-1	97	%	70-135	10.25.19 18.19	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-17**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-017	Date Collected:	10.22.19 10.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.27.19 11.17	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.27.19 11.17	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.27.19 11.17	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.27.19 11.17	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.27.19 11.17	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.27.19 11.17	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.27.19 11.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	10.27.19 11.17	
1,4-Difluorobenzene	540-36-3	106	%	70-130	10.27.19 11.17	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-18**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-018	Date Collected:	10.22.19 10.30		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 08.30	Basis:	Wet Weight
Seq Number:	3105503				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**21.7**	5.05	mg/kg	10.25.19 10.22		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.25.19 11.00	Basis:	Wet Weight
Seq Number:	3105538				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.25.19 18.38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.25.19 18.38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.25.19 18.38	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.25.19 18.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	10.25.19 18.38	
o-Terphenyl	84-15-1	94	%	70-135	10.25.19 18.38	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-18**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-018	Date Collected:	10.22.19 10.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.27.19 11.37	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.27.19 11.37	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.27.19 11.37	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.27.19 11.37	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.27.19 11.37	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.27.19 11.37	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.27.19 11.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	10.27.19 11.37	
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.27.19 11.37	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-19** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-019 Date Collected: 10.22.19 10.35

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 08.30 Basis: Wet Weight

Seq Number: 3105503

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**19.9**	4.99	mg/kg	10.25.19 10.27		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105538

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.25.19 18.57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.25.19 18.57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.25.19 18.57	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.25.19 18.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-135	10.25.19 18.57	
o-Terphenyl	84-15-1	94	%	70-135	10.25.19 18.57	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-19**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-019	Date Collected:	10.22.19 10.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.27.19 11.57	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.27.19 11.57	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.27.19 11.57	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.27.19 11.57	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.27.19 11.57	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.27.19 11.57	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.27.19 11.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	100	%	70-130	10.27.19 11.57	
4-Bromofluorobenzene	460-00-4	104	%	70-130	10.27.19 11.57	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-20** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-020 Date Collected: 10.22.19 10.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 08.30 Basis: Wet Weight

Seq Number: 3105503

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**64.7**	4.96	mg/kg	10.25.19 10.32		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105538

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 19.15	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 19.15	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 19.15	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 19.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-135	10.25.19 19.15	
o-Terphenyl	84-15-1	95	%	70-135	10.25.19 19.15	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-20**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-020	Date Collected:	10.22.19 10.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 10.45	Basis:	Wet Weight
Seq Number:	3105586				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.27.19 12.17	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.27.19 12.17	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.27.19 12.17	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	10.27.19 12.17	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.27.19 12.17	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.27.19 12.17	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.27.19 12.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	10.27.19 12.17	
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.27.19 12.17	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-21** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-021 Date Collected: 10.22.19 10.45

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 08.30 Basis: Wet Weight

Seq Number: 3105503

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**540**	4.95	mg/kg	10.25.19 10.37		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 11.00 Basis: Wet Weight

Seq Number: 3105550

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 11.49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 11.49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 11.49	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 11.49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-135	10.25.19 11.49	
o-Terphenyl	84-15-1	83	%	70-135	10.25.19 11.49	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-21**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-021	Date Collected:	10.22.19 10.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.28.19 03.36	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.28.19 03.36	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.28.19 03.36	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.28.19 03.36	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.28.19 03.36	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.28.19 03.36	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.28.19 03.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	104	%	70-130	10.28.19 03.36	
4-Bromofluorobenzene	460-00-4	104	%	70-130	10.28.19 03.36	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-22** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-022 Date Collected: 10.22.19 10.50

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 08.30 Basis: Wet Weight

Seq Number: 3105503

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**507**	5.02	mg/kg	10.25.19 10.42		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 12.00 Basis: Wet Weight

Seq Number: 3105550

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 12.52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 12.52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 12.52	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 12.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-135	10.25.19 12.52	
o-Terphenyl	84-15-1	87	%	70-135	10.25.19 12.52	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-22**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-022	Date Collected:	10.22.19 10.50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.28.19 03.56	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.28.19 03.56	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.28.19 03.56	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.28.19 03.56	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.28.19 03.56	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.28.19 03.56	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.28.19 03.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	99	%	70-130	10.28.19 03.56	
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.28.19 03.56	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-23**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-023	Date Collected:	10.22.19 10.55		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 08.30	Basis:	Wet Weight
Seq Number:	3105503				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**336**	4.95	mg/kg	10.25.19 10.47		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.25.19 12.00	Basis:	Wet Weight
Seq Number:	3105550				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 13.12	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 13.12	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 13.12	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 13.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	10.25.19 13.12	
o-Terphenyl	84-15-1	83	%	70-135	10.25.19 13.12	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-23**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-023	Date Collected:	10.22.19 10.55		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.28.19 04.16	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.28.19 04.16	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.28.19 04.16	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.28.19 04.16	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.28.19 04.16	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.28.19 04.16	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.28.19 04.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	105	%	70-130	10.28.19 04.16	
4-Bromofluorobenzene	460-00-4	107	%	70-130	10.28.19 04.16	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-24**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-024	Date Collected:	10.22.19 11.00		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 08.30	Basis:	Wet Weight
Seq Number:	3105503				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**22.0**	5.04	mg/kg	10.25.19 11.03		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.25.19 12.00	Basis:	Wet Weight
Seq Number:	3105550				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.25.19 13.33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.25.19 13.33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.25.19 13.33	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.25.19 13.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	10.25.19 13.33	
o-Terphenyl	84-15-1	81	%	70-135	10.25.19 13.33	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-24**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-024	Date Collected:	10.22.19 11.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 11.45	Basis:	Wet Weight
Seq Number:	3105707				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.28.19 17.53	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.28.19 17.53	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.28.19 17.53	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.28.19 17.53	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.28.19 17.53	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.28.19 17.53	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.28.19 17.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	129	%	70-130	10.28.19 17.53	
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.28.19 17.53	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-25** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-025 Date Collected: 10.22.19 11.05

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 08.30 Basis: Wet Weight

Seq Number: 3105503

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**14.1**	5.01	mg/kg	10.25.19 11.08		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 12.00 Basis: Wet Weight

Seq Number: 3105550

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.25.19 13.54	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.25.19 13.54	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.25.19 13.54	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.25.19 13.54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-135	10.25.19 13.54	
o-Terphenyl	84-15-1	82	%	70-135	10.25.19 13.54	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-25**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-025	Date Collected:	10.22.19 11.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.28.19 04.57	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.28.19 04.57	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.28.19 04.57	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.28.19 04.57	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.28.19 04.57	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.28.19 04.57	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.28.19 04.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	10.28.19 04.57	
1,4-Difluorobenzene	540-36-3	100	%	70-130	10.28.19 04.57	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-26**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-026	Date Collected:	10.22.19 11.10		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 08.30	Basis:	Wet Weight
Seq Number:	3105503				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**151**	4.98	mg/kg	10.25.19 11.23		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.25.19 12.00	Basis:	Wet Weight
Seq Number:	3105550				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 14.15	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 14.15	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 14.15	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 14.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-135	10.25.19 14.15	
o-Terphenyl	84-15-1	79	%	70-135	10.25.19 14.15	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-26**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-026	Date Collected:	10.22.19 11.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.28.19 05.17	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.28.19 05.17	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.28.19 05.17	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.28.19 05.17	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.28.19 05.17	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.28.19 05.17	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.28.19 05.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.28.19 05.17	
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.28.19 05.17	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-27** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-027 Date Collected: 10.22.19 11.15

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 08.30 Basis: Wet Weight

Seq Number: 3105503

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**166**	4.96	mg/kg	10.25.19 11.29		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 12.00 Basis: Wet Weight

Seq Number: 3105550

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 14.36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 14.36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 14.36	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 14.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	10.25.19 14.36	
o-Terphenyl	84-15-1	79	%	70-135	10.25.19 14.36	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-27**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-027	Date Collected:	10.22.19 11.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.28.19 05.37	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.28.19 05.37	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.28.19 05.37	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.28.19 05.37	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.28.19 05.37	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.28.19 05.37	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.28.19 05.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.28.19 05.37	
4-Bromofluorobenzene	460-00-4	97	%	70-130	10.28.19 05.37	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-28**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-028	Date Collected:	10.22.19 11.20		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 08.30	Basis:	Wet Weight
Seq Number:	3105503				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**515**	4.99	mg/kg	10.25.19 11.34		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.25.19 12.00	Basis:	Wet Weight
Seq Number:	3105550				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.25.19 14.57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.25.19 14.57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.25.19 14.57	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.25.19 14.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	10.25.19 14.57	
o-Terphenyl	84-15-1	81	%	70-135	10.25.19 14.57	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-28**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-028	Date Collected:	10.22.19 11.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.28.19 05.57	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.28.19 05.57	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.28.19 05.57	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.28.19 05.57	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.28.19 05.57	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.28.19 05.57	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.28.19 05.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	104	%	70-130	10.28.19 05.57	
4-Bromofluorobenzene	460-00-4	110	%	70-130	10.28.19 05.57	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-29** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-029 Date Collected: 10.22.19 11.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 08.30 Basis: Wet Weight

Seq Number: 3105503

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**6.94**	5.00	mg/kg	10.25.19 11.39		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 12.00 Basis: Wet Weight

Seq Number: 3105550

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 15.18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 15.18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 15.18	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 15.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-135	10.25.19 15.18	
o-Terphenyl	84-15-1	81	%	70-135	10.25.19 15.18	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-29**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-029	Date Collected:	10.22.19 11.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.28.19 06.17	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.28.19 06.17	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.28.19 06.17	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.28.19 06.17	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.28.19 06.17	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.28.19 06.17	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.28.19 06.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.28.19 06.17	
4-Bromofluorobenzene	460-00-4	100	%	70-130	10.28.19 06.17	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-30** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-030 Date Collected: 10.22.19 11.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 08.30 Basis: Wet Weight

Seq Number: 3105503

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**120**	5.00	mg/kg	10.25.19 11.44		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 12.00 Basis: Wet Weight

Seq Number: 3105550

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 15.38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 15.38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 15.38	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 15.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-135	10.25.19 15.38	
o-Terphenyl	84-15-1	81	%	70-135	10.25.19 15.38	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-30**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-030	Date Collected:	10.22.19 11.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.28.19 06.37	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.28.19 06.37	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.28.19 06.37	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.28.19 06.37	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.28.19 06.37	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.28.19 06.37	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.28.19 06.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	10.28.19 06.37	
1,4-Difluorobenzene	540-36-3	107	%	70-130	10.28.19 06.37	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-31**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-031	Date Collected:	10.22.19 11.35		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 08.30	Basis:	Wet Weight
Seq Number:	3105503				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**755**	5.00	mg/kg	10.25.19 11.49		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.25.19 12.00	Basis:	Wet Weight
Seq Number:	3105550				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.25.19 16.20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.25.19 16.20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.25.19 16.20	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.25.19 16.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	10.25.19 16.20	
o-Terphenyl	84-15-1	80	%	70-135	10.25.19 16.20	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-31**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-031	Date Collected:	10.22.19 11.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.28.19 07.56	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.28.19 07.56	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.28.19 07.56	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.28.19 07.56	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.28.19 07.56	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.28.19 07.56	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.28.19 07.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	95	%	70-130	10.28.19 07.56	
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.28.19 07.56	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-32** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-032 Date Collected: 10.22.19 11.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 08.30 Basis: Wet Weight

Seq Number: 3105503

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**35.4**	5.04	mg/kg	10.25.19 11.54		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 12.00 Basis: Wet Weight

Seq Number: 3105550

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 16.41	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 16.41	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 16.41	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 16.41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	76	%	70-135	10.25.19 16.41	
o-Terphenyl	84-15-1	78	%	70-135	10.25.19 16.41	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-32**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-032	Date Collected:	10.22.19 11.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.28.19 08.17	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.28.19 08.17	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.28.19 08.17	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.28.19 08.17	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.28.19 08.17	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.28.19 08.17	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.28.19 08.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.28.19 08.17	
4-Bromofluorobenzene	460-00-4	102	%	70-130	10.28.19 08.17	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-33** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-033 Date Collected: 10.22.19 11.45

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**73.7**	5.00	mg/kg	10.25.19 09.42		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 12.00 Basis: Wet Weight

Seq Number: 3105550

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.25.19 17.02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.25.19 17.02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.25.19 17.02	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.25.19 17.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-135	10.25.19 17.02	
o-Terphenyl	84-15-1	74	%	70-135	10.25.19 17.02	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-33**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-033	Date Collected:	10.22.19 11.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.28.19 09.35	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.28.19 09.35	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.28.19 09.35	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.28.19 09.35	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.28.19 09.35	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.28.19 09.35	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.28.19 09.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	93	%	70-130	10.28.19 09.35	
1,4-Difluorobenzene	540-36-3	93	%	70-130	10.28.19 09.35	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-34** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-034 Date Collected: 10.22.19 11.50

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.95	4.95	mg/kg	10.25.19 09.59	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 12.00 Basis: Wet Weight

Seq Number: 3105550

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 17.23	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 17.23	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 17.23	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 17.23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-135	10.25.19 17.23	
o-Terphenyl	84-15-1	79	%	70-135	10.25.19 17.23	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-34**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-034	Date Collected:	10.22.19 11.50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.28.19 09.55	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.28.19 09.55	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.28.19 09.55	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.28.19 09.55	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.28.19 09.55	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.28.19 09.55	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.28.19 09.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	70	%	70-130	10.28.19 09.55	
1,4-Difluorobenzene	540-36-3	92	%	70-130	10.28.19 09.55	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-35**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-035	Date Collected:	10.22.19 11.55		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 09.00	Basis:	Wet Weight
Seq Number:	3105505				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**98.7**	5.00	mg/kg	10.25.19 10.04		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.25.19 12.00	Basis:	Wet Weight
Seq Number:	3105550				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 17.44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 17.44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 17.44	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 17.44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-135	10.25.19 17.44	
o-Terphenyl	84-15-1	80	%	70-135	10.25.19 17.44	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-35**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-035	Date Collected:	10.22.19 11.55		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.28.19 10.15	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.28.19 10.15	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.28.19 10.15	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.28.19 10.15	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.28.19 10.15	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.28.19 10.15	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.28.19 10.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.28.19 10.15	
4-Bromofluorobenzene	460-00-4	98	%	70-130	10.28.19 10.15	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-36** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-036 Date Collected: 10.22.19 12.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**291**	4.98	mg/kg	10.25.19 10.10		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 12.00 Basis: Wet Weight

Seq Number: 3105550

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 18.04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 18.04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 18.04	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 18.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	76	%	70-135	10.25.19 18.04	
o-Terphenyl	84-15-1	77	%	70-135	10.25.19 18.04	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-36**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-036	Date Collected:	10.22.19 12.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.28.19 10.36	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.28.19 10.36	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.28.19 10.36	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.28.19 10.36	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.28.19 10.36	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.28.19 10.36	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.28.19 10.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.28.19 10.36	
4-Bromofluorobenzene	460-00-4	92	%	70-130	10.28.19 10.36	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-37** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-037 Date Collected: 10.22.19 12.05

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**19.7**	5.00	mg/kg	10.25.19 10.15		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 12.00 Basis: Wet Weight

Seq Number: 3105550

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 18.25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 18.25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 18.25	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 18.25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	76	%	70-135	10.25.19 18.25	
o-Terphenyl	84-15-1	75	%	70-135	10.25.19 18.25	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-37**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-037	Date Collected:	10.22.19 12.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.28.19 10.56	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.28.19 10.56	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.28.19 10.56	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.28.19 10.56	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.28.19 10.56	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.28.19 10.56	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.28.19 10.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	98	%	70-130	10.28.19 10.56	
1,4-Difluorobenzene	540-36-3	104	%	70-130	10.28.19 10.56	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-38** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-038 Date Collected: 10.22.19 12.10

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**134**	4.96	mg/kg	10.25.19 10.31		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 12.00 Basis: Wet Weight

Seq Number: 3105550

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.25.19 18.46	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.25.19 18.46	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.25.19 18.46	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.25.19 18.46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	10.25.19 18.46	
o-Terphenyl	84-15-1	81	%	70-135	10.25.19 18.46	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-38**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-038	Date Collected:	10.22.19 12.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.28.19 11.16	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.28.19 11.16	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.28.19 11.16	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.28.19 11.16	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.28.19 11.16	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.28.19 11.16	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.28.19 11.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	95	%	70-130	10.28.19 11.16	
1,4-Difluorobenzene	540-36-3	100	%	70-130	10.28.19 11.16	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-39** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-039 Date Collected: 10.22.19 12.15

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**24.1**	5.05	mg/kg	10.25.19 10.37		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 12.00 Basis: Wet Weight

Seq Number: 3105550

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 19.07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 19.07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 19.07	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 19.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-135	10.25.19 19.07	
o-Terphenyl	84-15-1	77	%	70-135	10.25.19 19.07	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-39**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-039	Date Collected:	10.22.19 12.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.28.19 11.36	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.28.19 11.36	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.28.19 11.36	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.28.19 11.36	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.28.19 11.36	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.28.19 11.36	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.28.19 11.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	97	%	70-130	10.28.19 11.36	
1,4-Difluorobenzene	540-36-3	100	%	70-130	10.28.19 11.36	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-40** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-040 Date Collected: 10.22.19 12.20

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**50.0**	5.00	mg/kg	10.25.19 10.42		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.25.19 12.00 Basis: Wet Weight

Seq Number: 3105550

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.25.19 19.28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.25.19 19.28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.25.19 19.28	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.25.19 19.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-135	10.25.19 19.28	
o-Terphenyl	84-15-1	75	%	70-135	10.25.19 19.28	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-40**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-040	Date Collected:	10.22.19 12.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.15	Basis:	Wet Weight
Seq Number:	3105576				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.28.19 11.56	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.28.19 11.56	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.28.19 11.56	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.28.19 11.56	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.28.19 11.56	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.28.19 11.56	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.28.19 11.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	93	%	70-130	10.28.19 11.56	
4-Bromofluorobenzene	460-00-4	83	%	70-130	10.28.19 11.56	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-41**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-041	Date Collected:	10.22.19 12.25		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 09.00	Basis:	Wet Weight
Seq Number:	3105505				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**13.4**	4.96	mg/kg	10.25.19 10.48		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.26.19 11.00	Basis:	Wet Weight
Seq Number:	3105541				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.26.19 14.15	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.26.19 14.15	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.26.19 14.15	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.26.19 14.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-135	10.26.19 14.15	
o-Terphenyl	84-15-1	95	%	70-135	10.26.19 14.15	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-41**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-041	Date Collected:	10.22.19 12.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.29.19 03.12	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.29.19 03.12	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.29.19 03.12	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.29.19 03.12	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.29.19 03.12	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.29.19 03.12	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.29.19 03.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	100	%	70-130	10.29.19 03.12	
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.29.19 03.12	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-42**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-042	Date Collected:	10.22.19 12.30		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 09.00	Basis:	Wet Weight
Seq Number:	3105505				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**34.0**	4.99	mg/kg	10.25.19 10.53		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.26.19 11.00	Basis:	Wet Weight
Seq Number:	3105541				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.26.19 15.12	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.26.19 15.12	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.26.19 15.12	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.26.19 15.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	10.26.19 15.12	
o-Terphenyl	84-15-1	92	%	70-135	10.26.19 15.12	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-42**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-042	Date Collected:	10.22.19 12.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.29.19 03.33	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.29.19 03.33	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.29.19 03.33	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.29.19 03.33	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.29.19 03.33	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.29.19 03.33	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.29.19 03.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	70-130	10.29.19 03.33	
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.29.19 03.33	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-43** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-043 Date Collected: 10.22.19 12.35

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**241**	5.04	mg/kg	10.25.19 10.59		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.26.19 15.30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.26.19 15.30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.26.19 15.30	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.26.19 15.30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	10.26.19 15.30	
o-Terphenyl	84-15-1	95	%	70-135	10.26.19 15.30	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-43**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-043	Date Collected:	10.22.19 12.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.29.19 03.53	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.29.19 03.53	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.29.19 03.53	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.29.19 03.53	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.29.19 03.53	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.29.19 03.53	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.29.19 03.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	10.29.19 03.53	
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.29.19 03.53	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-44** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-044 Date Collected: 10.22.19 12.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**50.9**	4.98	mg/kg	10.25.19 12.17		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.26.19 15.49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.26.19 15.49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.26.19 15.49	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.26.19 15.49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.26.19 15.49	
o-Terphenyl	84-15-1	90	%	70-135	10.26.19 15.49	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-44**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-044	Date Collected:	10.22.19 12.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.29.19 04.13	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.29.19 04.13	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.29.19 04.13	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.29.19 04.13	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.29.19 04.13	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.29.19 04.13	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.29.19 04.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.29.19 04.13	
4-Bromofluorobenzene	460-00-4	99	%	70-130	10.29.19 04.13	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-45** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-045 Date Collected: 10.22.19 12.45

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**246**	5.00	mg/kg	10.25.19 11.20		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.26.19 16.07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.26.19 16.07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.26.19 16.07	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.26.19 16.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.26.19 16.07	
o-Terphenyl	84-15-1	91	%	70-135	10.26.19 16.07	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-45**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-045	Date Collected:	10.22.19 12.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.29.19 04.33	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.29.19 04.33	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.29.19 04.33	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.29.19 04.33	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.29.19 04.33	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.29.19 04.33	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.29.19 04.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	115	%	70-130	10.29.19 04.33	
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.29.19 04.33	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-46** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-046 Date Collected: 10.22.19 12.50

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**276**	5.00	mg/kg	10.25.19 11.37		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.26.19 16.26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.26.19 16.26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.26.19 16.26	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.26.19 16.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.26.19 16.26	
o-Terphenyl	84-15-1	88	%	70-135	10.26.19 16.26	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-46**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-046	Date Collected:	10.22.19 12.50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.29.19 04.53	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.29.19 04.53	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.29.19 04.53	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.29.19 04.53	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.29.19 04.53	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.29.19 04.53	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.29.19 04.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	83	%	70-130	10.29.19 04.53	
4-Bromofluorobenzene	460-00-4	79	%	70-130	10.29.19 04.53	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-47** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-047 Date Collected: 10.22.19 12.55

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**442**	4.97	mg/kg	10.25.19 11.42		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.26.19 16.45	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.26.19 16.45	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.26.19 16.45	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.26.19 16.45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	10.26.19 16.45	
o-Terphenyl	84-15-1	87	%	70-135	10.26.19 16.45	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-47**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-047	Date Collected:	10.22.19 12.55		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.29.19 05.13	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.29.19 05.13	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.29.19 05.13	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.29.19 05.13	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.29.19 05.13	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.29.19 05.13	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.29.19 05.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	99	%	70-130	10.29.19 05.13	
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.29.19 05.13	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-48** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-048 Date Collected: 10.23.19 10.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**178**	5.03	mg/kg	10.25.19 11.48		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.26.19 17.04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.26.19 17.04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.26.19 17.04	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.26.19 17.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.26.19 17.04	
o-Terphenyl	84-15-1	88	%	70-135	10.26.19 17.04	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-48**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-048	Date Collected:	10.23.19 10.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.29.19 05.33	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.29.19 05.33	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.29.19 05.33	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.29.19 05.33	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.29.19 05.33	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.29.19 05.33	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.29.19 05.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	10.29.19 05.33	
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.29.19 05.33	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-49** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-049 Date Collected: 10.23.19 13.05

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**100**	5.04	mg/kg	10.25.19 11.54		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.26.19 17.23	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.26.19 17.23	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.26.19 17.23	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.26.19 17.23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-135	10.26.19 17.23	
o-Terphenyl	84-15-1	93	%	70-135	10.26.19 17.23	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-49**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-049	Date Collected:	10.23.19 13.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.29.19 05.54	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.29.19 05.54	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.29.19 05.54	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.29.19 05.54	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.29.19 05.54	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.29.19 05.54	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.29.19 05.54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	94	%	70-130	10.29.19 05.54	
4-Bromofluorobenzene	460-00-4	99	%	70-130	10.29.19 05.54	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-50** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-050 Date Collected: 10.23.19 13.10

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**32.0**	4.98	mg/kg	10.25.19 12.00		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.26.19 17.42	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.26.19 17.42	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.26.19 17.42	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.26.19 17.42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.26.19 17.42	
o-Terphenyl	84-15-1	93	%	70-135	10.26.19 17.42	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-50**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-050	Date Collected:	10.23.19 13.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.29.19 06.14	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.29.19 06.14	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.29.19 06.14	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.29.19 06.14	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.29.19 06.14	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.29.19 06.14	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.29.19 06.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.29.19 06.14	
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.29.19 06.14	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-51** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-051 Date Collected: 10.23.19 13.15

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 09.00 Basis: Wet Weight

Seq Number: 3105505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**728**	4.98	mg/kg	10.25.19 12.05		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.26.19 18.20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.26.19 18.20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.26.19 18.20	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.26.19 18.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-135	10.26.19 18.20	
o-Terphenyl	84-15-1	84	%	70-135	10.26.19 18.20	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-51**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-051	Date Collected:	10.23.19 13.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.29.19 07.33	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.29.19 07.33	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.29.19 07.33	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.29.19 07.33	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.29.19 07.33	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.29.19 07.33	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.29.19 07.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.29.19 07.33	
4-Bromofluorobenzene	460-00-4	95	%	70-130	10.29.19 07.33	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-52**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-052	Date Collected:	10.23.19 13.20		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 09.00	Basis:	Wet Weight
Seq Number:	3105505				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**266**	5.01	mg/kg	10.25.19 12.11		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.26.19 11.00	Basis:	Wet Weight
Seq Number:	3105541				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.26.19 18.39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.26.19 18.39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.26.19 18.39	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.26.19 18.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.26.19 18.39	
o-Terphenyl	84-15-1	88	%	70-135	10.26.19 18.39	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-52**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-052	Date Collected:	10.23.19 13.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.29.19 07.53	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.29.19 07.53	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.29.19 07.53	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.29.19 07.53	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.29.19 07.53	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.29.19 07.53	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.29.19 07.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	70-130	10.29.19 07.53	
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.29.19 07.53	

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EOG Neptune 202

Sample Id: **Bottom Hole-53** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-053 Date Collected: 10.23.19 13.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**83.5**	4.96	mg/kg	10.25.19 12.31		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.26.19 18.57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.26.19 18.57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.26.19 18.57	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.26.19 18.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.26.19 18.57	
o-Terphenyl	84-15-1	90	%	70-135	10.26.19 18.57	

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EOG Neptune 202

Sample Id:	**Bottom Hole-53**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-053	Date Collected:	10.23.19 13.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.29.19 08.13	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.29.19 08.13	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.29.19 08.13	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.29.19 08.13	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.29.19 08.13	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.29.19 08.13	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.29.19 08.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	95	%	70-130	10.29.19 08.13	
1,4-Difluorobenzene	540-36-3	100	%	70-130	10.29.19 08.13	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-54** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-054 Date Collected: 10.23.19 13.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**114**	4.99	mg/kg	10.25.19 12.46		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.26.19 19.17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.26.19 19.17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.26.19 19.17	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.26.19 19.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.26.19 19.17	
o-Terphenyl	84-15-1	93	%	70-135	10.26.19 19.17	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-54**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-054	Date Collected:	10.23.19 13.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.29.19 08.33	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.29.19 08.33	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.29.19 08.33	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	10.29.19 08.33	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.29.19 08.33	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.29.19 08.33	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.29.19 08.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	99	%	70-130	10.29.19 08.33	
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.29.19 08.33	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-55** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-055 Date Collected: 10.23.19 13.35

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**149**	4.98	mg/kg	10.25.19 12.52		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.26.19 19.35	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.26.19 19.35	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.26.19 19.35	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.26.19 19.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.26.19 19.35	
o-Terphenyl	84-15-1	94	%	70-135	10.26.19 19.35	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-55**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-055	Date Collected:	10.23.19 13.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.29.19 08.53	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.29.19 08.53	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.29.19 08.53	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.29.19 08.53	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.29.19 08.53	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.29.19 08.53	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.29.19 08.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	107	%	70-130	10.29.19 08.53	
4-Bromofluorobenzene	460-00-4	101	%	70-130	10.29.19 08.53	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-56** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-056 Date Collected: 10.23.19 13.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**909**	5.04	mg/kg	10.25.19 12.57		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.26.19 19.54	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.26.19 19.54	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.26.19 19.54	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.26.19 19.54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-135	10.26.19 19.54	
o-Terphenyl	84-15-1	90	%	70-135	10.26.19 19.54	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-56**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-056	Date Collected:	10.23.19 13.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.29.19 09.14	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.29.19 09.14	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.29.19 09.14	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.29.19 09.14	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.29.19 09.14	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.29.19 09.14	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.29.19 09.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.29.19 09.14	
4-Bromofluorobenzene	460-00-4	90	%	70-130	10.29.19 09.14	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-57** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-057 Date Collected: 10.23.19 13.45

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**239**	4.96	mg/kg	10.25.19 13.02		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.26.19 20.13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.26.19 20.13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.26.19 20.13	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.26.19 20.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.26.19 20.13	
o-Terphenyl	84-15-1	89	%	70-135	10.26.19 20.13	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-57**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-057	Date Collected:	10.23.19 13.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.29.19 09.34	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.29.19 09.34	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.29.19 09.34	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.29.19 09.34	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.29.19 09.34	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.29.19 09.34	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.29.19 09.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	70-130	10.29.19 09.34	
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.29.19 09.34	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-58** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-058 Date Collected: 10.23.19 13.50

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**17.0**	4.97	mg/kg	10.25.19 13.17		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.26.19 20.31	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.26.19 20.31	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.26.19 20.31	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.26.19 20.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.26.19 20.31	
o-Terphenyl	84-15-1	89	%	70-135	10.26.19 20.31	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-58**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-058	Date Collected:	10.23.19 13.50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.29.19 09.54	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.29.19 09.54	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.29.19 09.54	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.29.19 09.54	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.29.19 09.54	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.29.19 09.54	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.29.19 09.54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	10.29.19 09.54	
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.29.19 09.54	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-59** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-059 Date Collected: 10.23.19 13.55

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**482**	5.04	mg/kg	10.25.19 13.22		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.26.19 20.50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.26.19 20.50	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.26.19 20.50	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.26.19 20.50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.26.19 20.50	
o-Terphenyl	84-15-1	88	%	70-135	10.26.19 20.50	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-59**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-059	Date Collected:	10.23.19 13.55		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.29.19 10.15	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.29.19 10.15	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.29.19 10.15	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.29.19 10.15	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.29.19 10.15	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.29.19 10.15	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.29.19 10.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.29.19 10.15	
4-Bromofluorobenzene	460-00-4	95	%	70-130	10.29.19 10.15	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-60** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-060 Date Collected: 10.23.19 14.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**874**	5.02	mg/kg	10.25.19 13.27		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 11.00 Basis: Wet Weight

Seq Number: 3105541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.26.19 21.09	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.26.19 21.09	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.26.19 21.09	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.26.19 21.09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-135	10.26.19 21.09	
o-Terphenyl	84-15-1	86	%	70-135	10.26.19 21.09	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-60**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-060	Date Collected:	10.23.19 14.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.30	Basis:	Wet Weight
Seq Number:	3105712				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.29.19 10.35	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.29.19 10.35	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.29.19 10.35	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.29.19 10.35	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.29.19 10.35	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.29.19 10.35	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.29.19 10.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	98	%	70-130	10.29.19 10.35	
1,4-Difluorobenzene	540-36-3	105	%	70-130	10.29.19 10.35	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-61**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-061	Date Collected:	10.23.19 14.05		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 11.20	Basis:	Wet Weight
Seq Number:	3105507				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**997**	5.05	mg/kg	10.25.19 13.33		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.26.19 17.00	Basis:	Wet Weight
Seq Number:	3105543				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.26.19 22.43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.26.19 22.43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.26.19 22.43	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.26.19 22.43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-135	10.26.19 22.43	
o-Terphenyl	84-15-1	88	%	70-135	10.26.19 22.43	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-61**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-061	Date Collected:	10.23.19 14.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.28.19 11.51	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.28.19 11.51	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.28.19 11.51	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.28.19 11.51	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.28.19 11.51	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.28.19 11.51	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.28.19 11.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.28.19 11.51	
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.28.19 11.51	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-62** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-062 Date Collected: 10.23.19 14.10

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**540**	5.00	mg/kg	10.25.19 13.38		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.26.19 23.39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.26.19 23.39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.26.19 23.39	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.26.19 23.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	10.26.19 23.39	
o-Terphenyl	84-15-1	88	%	70-135	10.26.19 23.39	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-62**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-062	Date Collected:	10.23.19 14.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.28.19 12.12	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.28.19 12.12	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.28.19 12.12	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.28.19 12.12	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.28.19 12.12	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.28.19 12.12	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.28.19 12.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	10.28.19 12.12	
1,4-Difluorobenzene	540-36-3	93	%	70-130	10.28.19 12.12	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-63** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-063 Date Collected: 10.23.19 14.15

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**121**	4.98	mg/kg	10.25.19 13.43		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.26.19 23.58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.26.19 23.58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.26.19 23.58	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.26.19 23.58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.26.19 23.58	
o-Terphenyl	84-15-1	89	%	70-135	10.26.19 23.58	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-63**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-063	Date Collected:	10.23.19 14.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.28.19 12.32	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.28.19 12.32	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.28.19 12.32	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.28.19 12.32	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.28.19 12.32	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.28.19 12.32	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.28.19 12.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	87	%	70-130	10.28.19 12.32	
4-Bromofluorobenzene	460-00-4	109	%	70-130	10.28.19 12.32	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-64** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-064 Date Collected: 10.23.19 14.20

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**845**	5.03	mg/kg	10.25.19 13.58		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 00.17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 00.17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 00.17	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 00.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.27.19 00.17	
o-Terphenyl	84-15-1	88	%	70-135	10.27.19 00.17	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-64**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-064	Date Collected:	10.23.19 14.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.28.19 12.52	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.28.19 12.52	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.28.19 12.52	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.28.19 12.52	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.28.19 12.52	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.28.19 12.52	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.28.19 12.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	10.28.19 12.52	
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.28.19 12.52	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-65** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-065 Date Collected: 10.23.19 14.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**740**	4.99	mg/kg	10.25.19 14.03		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.27.19 00.35	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.27.19 00.35	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.27.19 00.35	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.27.19 00.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	10.27.19 00.35	
o-Terphenyl	84-15-1	87	%	70-135	10.27.19 00.35	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-65**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-065	Date Collected:	10.23.19 14.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.28.19 13.12	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.28.19 13.12	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.28.19 13.12	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.28.19 13.12	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.28.19 13.12	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.28.19 13.12	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.28.19 13.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	10.28.19 13.12	
1,4-Difluorobenzene	540-36-3	91	%	70-130	10.28.19 13.12	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-66**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-066	Date Collected:	10.23.19 14.30		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 11.20	Basis:	Wet Weight
Seq Number:	3105507				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**923**	4.97	mg/kg	10.25.19 14.19		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.26.19 17.00	Basis:	Wet Weight
Seq Number:	3105543				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 00.54	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 00.54	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 00.54	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 00.54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	10.27.19 00.54	
o-Terphenyl	84-15-1	85	%	70-135	10.27.19 00.54	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-66**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-066	Date Collected:	10.23.19 14.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.28.19 13.32	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.28.19 13.32	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.28.19 13.32	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.28.19 13.32	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.28.19 13.32	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.28.19 13.32	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.28.19 13.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.28.19 13.32	
4-Bromofluorobenzene	460-00-4	110	%	70-130	10.28.19 13.32	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-67** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-067 Date Collected: 10.23.19 14.35

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**903**	5.02	mg/kg	10.25.19 14.24		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.27.19 01.13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.27.19 01.13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.27.19 01.13	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.27.19 01.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.27.19 01.13	
o-Terphenyl	84-15-1	89	%	70-135	10.27.19 01.13	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-67**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-067	Date Collected:	10.23.19 14.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.28.19 13.52	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.28.19 13.52	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.28.19 13.52	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.28.19 13.52	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.28.19 13.52	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.28.19 13.52	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.28.19 13.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	10.28.19 13.52	
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.28.19 13.52	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-68** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-068 Date Collected: 10.23.19 14.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**985**	4.96	mg/kg	10.25.19 14.29		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.27.19 01.32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.27.19 01.32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.27.19 01.32	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.27.19 01.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-135	10.27.19 01.32	
o-Terphenyl	84-15-1	92	%	70-135	10.27.19 01.32	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-68**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-068	Date Collected:	10.23.19 14.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.28.19 14.12	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.28.19 14.12	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.28.19 14.12	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.28.19 14.12	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.28.19 14.12	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.28.19 14.12	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.28.19 14.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	10.28.19 14.12	
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.28.19 14.12	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-69** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-069 Date Collected: 10.23.19 14.45

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.48 Basis: Wet Weight

Seq Number: 3105522

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**157**	5.00	mg/kg	10.25.19 15.22		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 01.51	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 01.51	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 01.51	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 01.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.27.19 01.51	
o-Terphenyl	84-15-1	90	%	70-135	10.27.19 01.51	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-69**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-069	Date Collected:	10.23.19 14.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.28.19 14.33	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.28.19 14.33	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.28.19 14.33	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.28.19 14.33	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.28.19 14.33	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.28.19 14.33	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.28.19 14.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.28.19 14.33	
4-Bromofluorobenzene	460-00-4	105	%	70-130	10.28.19 14.33	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-70** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-070 Date Collected: 10.23.19 14.50

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.48 Basis: Wet Weight

Seq Number: 3105522

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1220**	4.98	mg/kg	10.25.19 15.39		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 02.10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 02.10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 02.10	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 02.10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-135	10.27.19 02.10	
o-Terphenyl	84-15-1	85	%	70-135	10.27.19 02.10	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-70**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-070	Date Collected:	10.23.19 14.50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.28.19 14.53	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.28.19 14.53	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.28.19 14.53	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.28.19 14.53	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.28.19 14.53	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.28.19 14.53	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.28.19 14.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	10.28.19 14.53	
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.28.19 14.53	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-71** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-071 Date Collected: 10.23.19 14.55

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.48 Basis: Wet Weight

Seq Number: 3105522

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**817**	5.02	mg/kg	10.25.19 15.45		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.27.19 02.47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.27.19 02.47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.27.19 02.47	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.27.19 02.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.27.19 02.47	
o-Terphenyl	84-15-1	90	%	70-135	10.27.19 02.47	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-71**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-071	Date Collected:	10.23.19 14.55		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.28.19 16.11	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.28.19 16.11	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.28.19 16.11	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.28.19 16.11	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.28.19 16.11	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.28.19 16.11	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.28.19 16.11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	77	%	70-130	10.28.19 16.11	
4-Bromofluorobenzene	460-00-4	101	%	70-130	10.28.19 16.11	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-72** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-072 Date Collected: 10.23.19 15.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.48 Basis: Wet Weight

Seq Number: 3105522

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**23.0**	4.96	mg/kg	10.25.19 15.51		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 03.06	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 03.06	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 03.06	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 03.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	10.27.19 03.06	
o-Terphenyl	84-15-1	87	%	70-135	10.27.19 03.06	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-72**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-072	Date Collected:	10.23.19 15.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.28.19 16.31	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.28.19 16.31	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.28.19 16.31	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.28.19 16.31	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.28.19 16.31	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.28.19 16.31	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.28.19 16.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	91	%	70-130	10.28.19 16.31	
4-Bromofluorobenzene	460-00-4	103	%	70-130	10.28.19 16.31	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-73** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-073 Date Collected: 10.23.19 15.05

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**3150**	25.0	mg/kg	10.25.19 14.34		5

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.27.19 03.25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.27.19 03.25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.27.19 03.25	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.27.19 03.25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	10.27.19 03.25	
o-Terphenyl	84-15-1	90	%	70-135	10.27.19 03.25	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-73**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-073	Date Collected:	10.23.19 15.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.28.19 16.51	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.28.19 16.51	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.28.19 16.51	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.28.19 16.51	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.28.19 16.51	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.28.19 16.51	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.28.19 16.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	103	%	70-130	10.28.19 16.51	
1,4-Difluorobenzene	540-36-3	93	%	70-130	10.28.19 16.51	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-74** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-074 Date Collected: 10.23.19 15.10

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**484**	5.00	mg/kg	10.25.19 14.39		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 03.44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 03.44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 03.44	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 03.44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	10.27.19 03.44	
o-Terphenyl	84-15-1	87	%	70-135	10.27.19 03.44	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-74**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-074	Date Collected:	10.23.19 15.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.28.19 17.12	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.28.19 17.12	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.28.19 17.12	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.28.19 17.12	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.28.19 17.12	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.28.19 17.12	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.28.19 17.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	75	%	70-130	10.28.19 17.12	
4-Bromofluorobenzene	460-00-4	113	%	70-130	10.28.19 17.12	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-75** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-075 Date Collected: 10.23.19 15.15

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 11.20 Basis: Wet Weight

Seq Number: 3105507

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**17.1**	5.02	mg/kg	10.25.19 14.45		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.27.19 04.03	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.27.19 04.03	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.27.19 04.03	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.27.19 04.03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.27.19 04.03	
o-Terphenyl	84-15-1	88	%	70-135	10.27.19 04.03	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-75**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-075	Date Collected:	10.23.19 15.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.28.19 17.32	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.28.19 17.32	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.28.19 17.32	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.28.19 17.32	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.28.19 17.32	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.28.19 17.32	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.28.19 17.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	10.28.19 17.32	
1,4-Difluorobenzene	540-36-3	73	%	70-130	10.28.19 17.32	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-76**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-076	Date Collected:	10.23.19 15.20		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 11.20	Basis:	Wet Weight
Seq Number:	3105507				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**243**	4.98	mg/kg	10.25.19 14.50		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.26.19 17.00	Basis:	Wet Weight
Seq Number:	3105543				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 04.22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 04.22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 04.22	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 04.22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	82	%	70-135	10.27.19 04.22	
o-Terphenyl	84-15-1	82	%	70-135	10.27.19 04.22	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-76**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-076	Date Collected:	10.23.19 15.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.28.19 17.52	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.28.19 17.52	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.28.19 17.52	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.28.19 17.52	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.28.19 17.52	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.28.19 17.52	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.28.19 17.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	88	%	70-130	10.28.19 17.52	
4-Bromofluorobenzene	460-00-4	109	%	70-130	10.28.19 17.52	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-77** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-077 Date Collected: 10.23.19 15.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.30 Basis: Wet Weight

Seq Number: 3105519

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**55.0**	4.99	mg/kg	10.25.19 16.53		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.27.19 04.41	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.27.19 04.41	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.27.19 04.41	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.27.19 04.41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.27.19 04.41	
o-Terphenyl	84-15-1	89	%	70-135	10.27.19 04.41	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-77**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-077	Date Collected:	10.23.19 15.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.28.19 18.12	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.28.19 18.12	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.28.19 18.12	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.28.19 18.12	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.28.19 18.12	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.28.19 18.12	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.28.19 18.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	89	%	70-130	10.28.19 18.12	
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.28.19 18.12	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-78** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-078 Date Collected: 10.23.19 15.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.30 Basis: Wet Weight

Seq Number: 3105519

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**28.8**	4.95	mg/kg	10.25.19 17.22		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.27.19 05.00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.27.19 05.00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.27.19 05.00	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.27.19 05.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.27.19 05.00	
o-Terphenyl	84-15-1	90	%	70-135	10.27.19 05.00	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-78**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-078	Date Collected:	10.23.19 15.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.28.19 18.32	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.28.19 18.32	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.28.19 18.32	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.28.19 18.32	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.28.19 18.32	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.28.19 18.32	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.28.19 18.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	70-130	10.28.19 18.32	
1,4-Difluorobenzene	540-36-3	100	%	70-130	10.28.19 18.32	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-79** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-079 Date Collected: 10.23.19 13.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.30 Basis: Wet Weight

Seq Number: 3105519

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**208**	4.95	mg/kg	10.25.19 17.27		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 05.19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 05.19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 05.19	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 05.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-135	10.27.19 05.19	
o-Terphenyl	84-15-1	86	%	70-135	10.27.19 05.19	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-79**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-079	Date Collected:	10.23.19 13.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.28.19 18.52	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.28.19 18.52	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.28.19 18.52	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.28.19 18.52	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.28.19 18.52	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.28.19 18.52	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.28.19 18.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.28.19 18.52	
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.28.19 18.52	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-80** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-080 Date Collected: 10.23.19 15.35

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.30 Basis: Wet Weight

Seq Number: 3105519

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**360**	5.00	mg/kg	10.25.19 17.33		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.26.19 17.00 Basis: Wet Weight

Seq Number: 3105543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 05.38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 05.38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 05.38	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 05.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-135	10.27.19 05.38	
o-Terphenyl	84-15-1	84	%	70-135	10.27.19 05.38	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-80**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-080	Date Collected:	10.23.19 15.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.27.19 11.45	Basis:	Wet Weight
Seq Number:	3105703				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.28.19 19.13	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.28.19 19.13	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.28.19 19.13	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.28.19 19.13	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.28.19 19.13	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.28.19 19.13	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.28.19 19.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	100	%	70-130	10.28.19 19.13	
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.28.19 19.13	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-81** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-081 Date Collected: 10.23.19 15.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.30 Basis: Wet Weight

Seq Number: 3105519

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**528**	4.98	mg/kg	10.25.19 17.38		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 12.17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 12.17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 12.17	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 12.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-135	10.27.19 12.17	
o-Terphenyl	84-15-1	95	%	70-135	10.27.19 12.17	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-81**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-081	Date Collected:	10.23.19 15.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.28.19 22.31	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.28.19 22.31	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.28.19 22.31	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.28.19 22.31	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.28.19 22.31	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.28.19 22.31	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.28.19 22.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	100	%	70-130	10.28.19 22.31	
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.28.19 22.31	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-82** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-082 Date Collected: 10.23.19 15.45

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.30 Basis: Wet Weight

Seq Number: 3105519

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**873**	5.05	mg/kg	10.25.19 17.43		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 13.14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 13.14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 13.14	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 13.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	10.27.19 13.14	
o-Terphenyl	84-15-1	92	%	70-135	10.27.19 13.14	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-82**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-082	Date Collected:	10.23.19 15.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.28.19 22.51	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.28.19 22.51	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.28.19 22.51	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.28.19 22.51	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.28.19 22.51	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.28.19 22.51	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.28.19 22.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	109	%	70-130	10.28.19 22.51	
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.28.19 22.51	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-83** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-083 Date Collected: 10.23.19 15.50

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.30 Basis: Wet Weight

Seq Number: 3105519

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**43.1**	4.96	mg/kg	10.25.19 17.48		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.27.19 13.33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.27.19 13.33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.27.19 13.33	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.27.19 13.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	10.27.19 13.33	
o-Terphenyl	84-15-1	95	%	70-135	10.27.19 13.33	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-83**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-083	Date Collected:	10.23.19 15.50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.28.19 23.11	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.28.19 23.11	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.28.19 23.11	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.28.19 23.11	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.28.19 23.11	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.28.19 23.11	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.28.19 23.11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	103	%	70-130	10.28.19 23.11	
1,4-Difluorobenzene	540-36-3	75	%	70-130	10.28.19 23.11	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-84** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-084 Date Collected: 10.23.19 15.55

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.48 Basis: Wet Weight

Seq Number: 3105522

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**32.7**	5.05	mg/kg	10.25.19 15.57		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.27.19 13.52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.27.19 13.52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.27.19 13.52	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.27.19 13.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.27.19 13.52	
o-Terphenyl	84-15-1	90	%	70-135	10.27.19 13.52	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-84**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-084	Date Collected:	10.23.19 15.55		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.28.19 23.31	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.28.19 23.31	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.28.19 23.31	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	10.28.19 23.31	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.28.19 23.31	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.28.19 23.31	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.28.19 23.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	78	%	70-130	10.28.19 23.31	
4-Bromofluorobenzene	460-00-4	89	%	70-130	10.28.19 23.31	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-85** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-085 Date Collected: 10.23.19 16.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.48 Basis: Wet Weight

Seq Number: 3105522

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**977**	5.05	mg/kg	10.25.19 16.14		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 14.11	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 14.11	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 14.11	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 14.11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.27.19 14.11	
o-Terphenyl	84-15-1	90	%	70-135	10.27.19 14.11	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-85**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-085	Date Collected:	10.23.19 16.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.28.19 23.51	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.28.19 23.51	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.28.19 23.51	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.28.19 23.51	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.28.19 23.51	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.28.19 23.51	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.28.19 23.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	10.28.19 23.51	
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.28.19 23.51	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-86** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-086 Date Collected: 10.23.19 16.05

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.48 Basis: Wet Weight

Seq Number: 3105522

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2950**	25.3	mg/kg	10.25.19 16.20		5

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.27.19 14.30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.27.19 14.30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.27.19 14.30	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.27.19 14.30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.27.19 14.30	
o-Terphenyl	84-15-1	88	%	70-135	10.27.19 14.30	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-86**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-086	Date Collected:	10.23.19 16.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.29.19 00.11	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.29.19 00.11	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.29.19 00.11	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.29.19 00.11	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.29.19 00.11	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.29.19 00.11	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.29.19 00.11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.29.19 00.11	
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.29.19 00.11	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-87** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-087 Date Collected: 10.23.19 16.10

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.48 Basis: Wet Weight

Seq Number: 3105522

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**252**	4.98	mg/kg	10.25.19 16.26		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 14.49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 14.49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 14.49	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 14.49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	10.27.19 14.49	
o-Terphenyl	84-15-1	87	%	70-135	10.27.19 14.49	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-87**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-087	Date Collected:	10.23.19 16.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.29.19 00.31	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.29.19 00.31	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.29.19 00.31	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.29.19 00.31	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.29.19 00.31	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.29.19 00.31	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.29.19 00.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	10.29.19 00.31	
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.29.19 00.31	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-88**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-088	Date Collected:	10.23.19 16.15		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 14.48	Basis:	Wet Weight
Seq Number:	3105522				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**257**	4.96	mg/kg	10.25.19 16.32		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.27.19 10.00	Basis:	Wet Weight
Seq Number:	3105544				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.27.19 15.07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.27.19 15.07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.27.19 15.07	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.27.19 15.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.27.19 15.07	
o-Terphenyl	84-15-1	88	%	70-135	10.27.19 15.07	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-88**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-088	Date Collected:	10.23.19 16.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.29.19 00.52	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.29.19 00.52	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.29.19 00.52	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.29.19 00.52	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.29.19 00.52	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.29.19 00.52	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.29.19 00.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.29.19 00.52	
4-Bromofluorobenzene	460-00-4	111	%	70-130	10.29.19 00.52	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-89** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-089 Date Collected: 10.23.19 16.20

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.48 Basis: Wet Weight

Seq Number: 3105522

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**269**	5.01	mg/kg	10.25.19 16.37		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 15.26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 15.26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 15.26	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 15.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-135	10.27.19 15.26	
o-Terphenyl	84-15-1	93	%	70-135	10.27.19 15.26	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-89**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-089	Date Collected:	10.23.19 16.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.29.19 01.12	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.29.19 01.12	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.29.19 01.12	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.29.19 01.12	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.29.19 01.12	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.29.19 01.12	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.29.19 01.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.29.19 01.12	
4-Bromofluorobenzene	460-00-4	105	%	70-130	10.29.19 01.12	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-90** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-090 Date Collected: 10.23.19 16.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.48 Basis: Wet Weight

Seq Number: 3105522

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**26.1**	5.05	mg/kg	10.25.19 16.43		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.27.19 15.44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.27.19 15.44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.27.19 15.44	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.27.19 15.44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.27.19 15.44	
o-Terphenyl	84-15-1	93	%	70-135	10.27.19 15.44	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-90**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-090	Date Collected:	10.23.19 16.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.29.19 01.32	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.29.19 01.32	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.29.19 01.32	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.29.19 01.32	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.29.19 01.32	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.29.19 01.32	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.29.19 01.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	81	%	70-130	10.29.19 01.32	
4-Bromofluorobenzene	460-00-4	117	%	70-130	10.29.19 01.32	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-91** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-091 Date Collected: 10.23.19 16.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.28.19 11.25 Basis: Wet Weight

Seq Number: 3105644

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**15.0**	4.98	mg/kg	10.28.19 12.21		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.27.19 16.22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.27.19 16.22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.27.19 16.22	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.27.19 16.22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-135	10.27.19 16.22	
o-Terphenyl	84-15-1	84	%	70-135	10.27.19 16.22	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-91**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-091	Date Collected:	10.23.19 16.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.29.19 02.50	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.29.19 02.50	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.29.19 02.50	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.29.19 02.50	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.29.19 02.50	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.29.19 02.50	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.29.19 02.50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	10.29.19 02.50	
1,4-Difluorobenzene	540-36-3	89	%	70-130	10.29.19 02.50	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-92** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-092 Date Collected: 10.23.19 16.35

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.28.19 11.25 Basis: Wet Weight

Seq Number: 3105644

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**12.7**	5.00	mg/kg	10.28.19 12.38		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 16.40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 16.40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 16.40	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 16.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.27.19 16.40	
o-Terphenyl	84-15-1	88	%	70-135	10.27.19 16.40	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-92**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-092	Date Collected:	10.23.19 16.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.29.19 03.10	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.29.19 03.10	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.29.19 03.10	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	10.29.19 03.10	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.29.19 03.10	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.29.19 03.10	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.29.19 03.10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	87	%	70-130	10.29.19 03.10	
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.29.19 03.10	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-93** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-093 Date Collected: 10.23.19 16.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.48 Basis: Wet Weight

Seq Number: 3105522

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**38.1**	5.00	mg/kg	10.25.19 17.24		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 16.59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 16.59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 16.59	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 16.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.27.19 16.59	
o-Terphenyl	84-15-1	90	%	70-135	10.27.19 16.59	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-93**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-093	Date Collected:	10.23.19 16.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.29.19 03.30	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.29.19 03.30	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.29.19 03.30	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.29.19 03.30	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.29.19 03.30	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.29.19 03.30	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.29.19 03.30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	74	%	70-130	10.29.19 03.30	
4-Bromofluorobenzene	460-00-4	112	%	70-130	10.29.19 03.30	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-94**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-094	Date Collected:	10.23.19 16.45		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.25.19 14.48	Basis:	Wet Weight
Seq Number:	3105522				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**9.90**	5.00	mg/kg	10.25.19 17.30		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.27.19 10.00	Basis:	Wet Weight
Seq Number:	3105544				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.27.19 17.18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.27.19 17.18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.27.19 17.18	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.27.19 17.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.27.19 17.18	
o-Terphenyl	84-15-1	93	%	70-135	10.27.19 17.18	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-94**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-094	Date Collected:	10.23.19 16.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.29.19 03.50	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.29.19 03.50	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.29.19 03.50	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	10.29.19 03.50	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.29.19 03.50	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.29.19 03.50	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.29.19 03.50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	90	%	70-130	10.29.19 03.50	
1,4-Difluorobenzene	540-36-3	87	%	70-130	10.29.19 03.50	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-95** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-095 Date Collected: 10.23.19 16.50

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.48 Basis: Wet Weight

Seq Number: 3105522

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**38.6**	5.00	mg/kg	10.25.19 17.36		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.27.19 17.37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.27.19 17.37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.27.19 17.37	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.27.19 17.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.27.19 17.37	
o-Terphenyl	84-15-1	94	%	70-135	10.27.19 17.37	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-95**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-095	Date Collected:	10.23.19 16.50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.29.19 04.10	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.29.19 04.10	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.29.19 04.10	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.29.19 04.10	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.29.19 04.10	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.29.19 04.10	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.29.19 04.10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	70	%	70-130	10.29.19 04.10	
4-Bromofluorobenzene	460-00-4	113	%	70-130	10.29.19 04.10	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-96** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-096 Date Collected: 10.23.19 16.55

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.48 Basis: Wet Weight

Seq Number: 3105522

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**40.8**	5.04	mg/kg	10.25.19 17.41		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.27.19 17.56	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.27.19 17.56	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.27.19 17.56	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.27.19 17.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-135	10.27.19 17.56	
o-Terphenyl	84-15-1	90	%	70-135	10.27.19 17.56	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-96**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-096	Date Collected:	10.23.19 16.55		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.29.19 04.31	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.29.19 04.31	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.29.19 04.31	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.29.19 04.31	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.29.19 04.31	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.29.19 04.31	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.29.19 04.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	110	%	70-130	10.29.19 04.31	
1,4-Difluorobenzene	540-36-3	86	%	70-130	10.29.19 04.31	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-97** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-097 Date Collected: 10.23.19 17.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.48 Basis: Wet Weight

Seq Number: 3105522

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**205**	4.96	mg/kg	10.25.19 17.47		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.27.19 18.14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.27.19 18.14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.27.19 18.14	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.27.19 18.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.27.19 18.14	
o-Terphenyl	84-15-1	89	%	70-135	10.27.19 18.14	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-97**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-097	Date Collected:	10.23.19 17.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.29.19 04.51	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.29.19 04.51	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.29.19 04.51	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.29.19 04.51	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.29.19 04.51	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.29.19 04.51	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.29.19 04.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	110	%	70-130	10.29.19 04.51	
1,4-Difluorobenzene	540-36-3	77	%	70-130	10.29.19 04.51	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-98** Matrix: Soil Date Received:10.24.19 14.05

Lab Sample Id: 640979-098 Date Collected: 10.23.19 17.05

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.25.19 14.48 Basis: Wet Weight

Seq Number: 3105522

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**26.9**	4.98	mg/kg	10.25.19 17.53		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.27.19 10.00 Basis: Wet Weight

Seq Number: 3105544

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.27.19 18.33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.27.19 18.33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.27.19 18.33	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.27.19 18.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.27.19 18.33	
o-Terphenyl	84-15-1	89	%	70-135	10.27.19 18.33	

Certificate of Analytical Results 640979

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-98**	Matrix:	Soil	Date Received:	10.24.19 14.05
Lab Sample Id:	640979-098	Date Collected:	10.23.19 17.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.28.19 12.00	Basis:	Wet Weight
Seq Number:	3105691				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.29.19 05.11	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.29.19 05.11	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.29.19 05.11	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.29.19 05.11	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.29.19 05.11	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.29.19 05.11	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.29.19 05.11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	10.29.19 05.11	
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.29.19 05.11	

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.

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 640979

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105380 — Matrix: Solid — Date Prep: 10.24.19
MB Sample Id: 7688865-1-BLK — LCS Sample Id: 7688865-1-BKS — LCSD Sample Id: 7688865-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.858	250	259	104	257	103	90-110	1	20	mg/kg	10.24.19 20:26	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105503 — Matrix: Solid — Date Prep: 10.25.19
MB Sample Id: 7688880-1-BLK — LCS Sample Id: 7688880-1-BKS — LCSD Sample Id: 7688880-1-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	261	104	263	105	90-110	1	20	mg/kg	10.25.19 08:46	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105505 — Matrix: Solid — Date Prep: 10.25.19
MB Sample Id: 7688882-1-BLK — LCS Sample Id: 7688882-1-BKS — LCSD Sample Id: 7688882-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.858	250	254	102	253	101	90-110	0	20	mg/kg	10.25.19 09:31	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105507 — Matrix: Solid — Date Prep: 10.25.19
MB Sample Id: 7688893-1-BLK — LCS Sample Id: 7688893-1-BKS — LCSD Sample Id: 7688893-1-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	262	105	264	106	90-110	1	20	mg/kg	10.25.19 12:21	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105519 — Matrix: Solid — Date Prep: 10.25.19
MB Sample Id: 7688925-1-BLK — LCS Sample Id: 7688925-1-BKS — LCSD Sample Id: 7688925-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.858	250	262	105	265	106	90-110	1	20	mg/kg	10.25.19 15:15	

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

Final 1.000

QC Summary 640979

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105522 — Matrix: Solid — Date Prep: 10.25.19
MB Sample Id: 7688926-1-BLK — LCS Sample Id: 7688926-1-BKS — LCSD Sample Id: 7688926-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	245	98	244	98	90-110	0	20	mg/kg	10.25.19 15:10	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105644 — Matrix: Solid — Date Prep: 10.28.19
MB Sample Id: 7688995-1-BLK — LCS Sample Id: 7688995-1-BKS — LCSD Sample Id: 7688995-1-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	243	97	245	98	90-110	1	20	mg/kg	10.28.19 12:09	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105380 — Matrix: Soil — Date Prep: 10.24.19
Parent Sample Id: 640979-001 — MS Sample Id: 640979-001 S — MSD Sample Id: 640979-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	4.11	248	286	114	281	112	90-110	2	20	mg/kg	10.25.19 08:33	X

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105380 — Matrix: Soil — Date Prep: 10.24.19
Parent Sample Id: 640979-007 — MS Sample Id: 640979-007 S — MSD Sample Id: 640979-007 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	175	249	438	106	438	106	90-110	0	20	mg/kg	10.24.19 22:11	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105503 — Matrix: Soil — Date Prep: 10.25.19
Parent Sample Id: 640962-001 — MS Sample Id: 640962-001 S — MSD Sample Id: 640962-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	1.17	249	265	106	265	106	90-110	0	20	mg/kg	10.25.19 09:41	

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

QC Summary 640979

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105503 — Matrix: Soil — Date Prep: 10.25.19
Parent Sample Id: 640979-023 — MS Sample Id: 640979-023 S — MSD Sample Id: 640979-023 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	336	248	584	100	580	98	90-110	1	20	mg/kg	10.25.19 10:53	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105505 — Matrix: Soil — Date Prep: 10.25.19
Parent Sample Id: 640979-033 — MS Sample Id: 640979-033 S — MSD Sample Id: 640979-033 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	73.7	250	347	109	335	105	90-110	4	20	mg/kg	10.25.19 09:48	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105505 — Matrix: Soil — Date Prep: 10.25.19
Parent Sample Id: 640979-043 — MS Sample Id: 640979-043 S — MSD Sample Id: 640979-043 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	241	252	503	104	536	117	90-110	6	20	mg/kg	10.25.19 11:04	X

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105507 — Matrix: Soil — Date Prep: 10.25.19
Parent Sample Id: 640979-053 — MS Sample Id: 640979-053 S — MSD Sample Id: 640979-053 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	83.5	248	355	109	348	107	90-110	2	20	mg/kg	10.25.19 12:36	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105507 — Matrix: Soil — Date Prep: 10.25.19
Parent Sample Id: 640979-063 — MS Sample Id: 640979-063 S — MSD Sample Id: 640979-063 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	121	249	401	112	399	112	90-110	1	20	mg/kg	10.25.19 13:48	X

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

QC Summary 640979

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105519 — Matrix: Soil — Date Prep: 10.25.19
Parent Sample Id: 640878-022 — MS Sample Id: 640878-022 S — MSD Sample Id: 640878-022 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	964	201	1160	98	1160	98	90-110	0	20	mg/kg	10.25.19 15:31	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105519 — Matrix: Soil — Date Prep: 10.25.19
Parent Sample Id: 640979-077 — MS Sample Id: 640979-077 S — MSD Sample Id: 640979-077 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	55.0	250	325	108	330	110	90-110	2	20	mg/kg	10.25.19 16:58	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105522 — Matrix: Soil — Date Prep: 10.25.19
Parent Sample Id: 640979-069 — MS Sample Id: 640979-069 S — MSD Sample Id: 640979-069 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	157	250	397	96	392	94	90-110	1	20	mg/kg	10.25.19 15:27	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105522 — Matrix: Soil — Date Prep: 10.25.19
Parent Sample Id: 640979-090 — MS Sample Id: 640979-090 S — MSD Sample Id: 640979-090 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	26.1	253	278	100	276	99	90-110	1	20	mg/kg	10.25.19 16:49	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105644 — Matrix: Soil — Date Prep: 10.28.19
Parent Sample Id: 640979-091 — MS Sample Id: 640979-091 S — MSD Sample Id: 640979-091 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	15.0	249	255	96	261	99	90-110	2	20	mg/kg	10.28.19 12:27	

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

QC Summary 640979

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105644 — Matrix: Soil — Date Prep: 10.28.19
Parent Sample Id: 641117-008 — MS Sample Id: 641117-008 S — MSD Sample Id: 641117-008 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	1140	199	1320	90	1330	95	90-110	1	20	mg/kg	10.28.19 13:48	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3105538 — Matrix: Solid — Date Prep: 10.25.19
MB Sample Id: 7688956-1-BLK — LCS Sample Id: 7688956-1-BKS — LCSD Sample Id: 7688956-1-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)	<15.0	1000	1030	103	1020	102	70-135	1	20	mg/kg	10.25.19 11:48	
Diesel Range Organics (DRO)	<15.0	1000	970	97	954	95	70-135	2	20	mg/kg	10.25.19 11:48	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	101		116		117		70-135	%	10.25.19 11:48
o-Terphenyl	101		105		102		70-135	%	10.25.19 11:48

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3105550 — Matrix: Solid — Date Prep: 10.25.19
MB Sample Id: 7688964-1-BLK — LCS Sample Id: 7688964-1-BKS — LCSD Sample Id: 7688964-1-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)	<15.0	1000	848	85	826	83	70-135	3	20	mg/kg	10.25.19 11:07	
Diesel Range Organics (DRO)	<15.0	1000	843	84	830	83	70-135	2	20	mg/kg	10.25.19 11:07	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	80		102		85		70-135	%	10.25.19 11:07
o-Terphenyl	85		87		86		70-135	%	10.25.19 11:07

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3105541 — Matrix: Solid — Date Prep: 10.26.19
MB Sample Id: 7688967-1-BLK — LCS Sample Id: 7688967-1-BKS — LCSD Sample Id: 7688967-1-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)	<15.0	1000	1050	105	1010	101	70-135	4	20	mg/kg	10.26.19 13:37	
Diesel Range Organics (DRO)	<15.0	1000	999	100	953	95	70-135	5	20	mg/kg	10.26.19 13:37	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	102		123		118		70-135	%	10.26.19 13:37
o-Terphenyl	103		106		104		70-135	%	10.26.19 13:37

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

QC Summary 640979

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3105543 — Matrix: Solid — Date Prep: 10.26.19
MB Sample Id: 7688969-1-BLK — LCS Sample Id: 7688969-1-BKS — LCSD Sample Id: 7688969-1-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)	<15.0	1000	1010	101	1020	102	70-135	1	20	mg/kg	10.26.19 22:05	
Diesel Range Organics (DRO)	<15.0	1000	966	97	985	99	70-135	2	20	mg/kg	10.26.19 22:05	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	104		118		120		70-135	%	10.26.19 22:05
o-Terphenyl	105		103		104		70-135	%	10.26.19 22:05

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3105544 — Matrix: Solid — Date Prep: 10.27.19
MB Sample Id: 7688980-1-BLK — LCS Sample Id: 7688980-1-BKS — LCSD Sample Id: 7688980-1-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)	<15.0	1000	1050	105	1010	101	70-135	4	20	mg/kg	10.27.19 11:40	
Diesel Range Organics (DRO)	<15.0	1000	999	100	953	95	70-135	5	20	mg/kg	10.27.19 11:40	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	102		123		118		70-135	%	10.27.19 11:40
o-Terphenyl	103		106		104		70-135	%	10.27.19 11:40

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3105538 — Matrix: Solid — Date Prep: 10.25.19
MB Sample Id: 7688956-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.25.19 11:29	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3105550 — Matrix: Solid — Date Prep: 10.25.19
MB Sample Id: 7688964-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.25.19 10:46	

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

QC Summary 640979

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: TPH By SW8015 Mod
Seq Number: 3105541
Matrix: Solid
MB Sample Id: 7688967-1-BLK
Prep Method: SW8015P
Date Prep: 10.26.19

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.26.19 13:19	

Analytical Method: TPH By SW8015 Mod
Seq Number: 3105543
Matrix: Solid
MB Sample Id: 7688969-1-BLK
Prep Method: SW8015P
Date Prep: 10.26.19

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.26.19 21:47	

Analytical Method: TPH By SW8015 Mod
Seq Number: 3105544
Matrix: Solid
MB Sample Id: 7688980-1-BLK
Prep Method: SW8015P
Date Prep: 10.27.19

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.27.19 11:21	

Analytical Method: TPH By SW8015 Mod
Seq Number: 3105538
Parent Sample Id: 640979-001
Matrix: Soil
MS Sample Id: 640979-001 S
Prep Method: SW8015P
Date Prep: 10.25.19
MSD Sample Id: 640979-001 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)	<15.0	997	1040	104	1060	106	70-135	2	20	mg/kg	10.25.19 12:44	
Diesel Range Organics (DRO)	<15.0	997	969	97	986	99	70-135	2	20	mg/kg	10.25.19 12:44	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	122		126		70-135	%	10.25.19 12:44
o-Terphenyl	106		107		70-135	%	10.25.19 12:44

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
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

Final 1.000

QC Summary 640979

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: TPH By SW8015 Mod | Prep Method: SW8015P
Seq Number: 3105550 | Matrix: Soil | Date Prep: 10.25.19
Parent Sample Id: 640979-021 | MS Sample Id: 640979-021 S | MSD Sample Id: 640979-021 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)	<15.0	997	835	84	871	87	70-135	4	20	mg/kg	10.25.19 12:10	
Diesel Range Organics (DRO)	<15.0	997	915	92	921	92	70-135	1	20	mg/kg	10.25.19 12:10	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	85		93		70-135	%	10.25.19 12:10
o-Terphenyl	85		85		70-135	%	10.25.19 12:10

Analytical Method: TPH By SW8015 Mod | Prep Method: SW8015P
Seq Number: 3105541 | Matrix: Soil | Date Prep: 10.26.19
Parent Sample Id: 640979-041 | MS Sample Id: 640979-041 S | MSD Sample Id: 640979-041 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)	<14.9	996	1030	103	1010	101	70-135	2	20	mg/kg	10.26.19 14:34	
Diesel Range Organics (DRO)	<14.9	996	999	100	981	98	70-135	2	20	mg/kg	10.26.19 14:34	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	117		119		70-135	%	10.26.19 14:34
o-Terphenyl	101		100		70-135	%	10.26.19 14:34

Analytical Method: TPH By SW8015 Mod | Prep Method: SW8015P
Seq Number: 3105543 | Matrix: Soil | Date Prep: 10.26.19
Parent Sample Id: 640979-061 | MS Sample Id: 640979-061 S | MSD Sample Id: 640979-061 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)	<15.0	997	944	95	962	97	70-135	2	20	mg/kg	10.26.19 23:02	
Diesel Range Organics (DRO)	<15.0	997	964	97	985	99	70-135	2	20	mg/kg	10.26.19 23:02	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	111		109		70-135	%	10.26.19 23:02
o-Terphenyl	92		89		70-135	%	10.26.19 23:02

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
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

Final 1.000

QC Summary 640979

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: TPH By SW8015 Mod | Prep Method: SW8015P
Seq Number: 3105544 | Matrix: Soil | Date Prep: 10.27.19
Parent Sample Id: 640979-081 | MS Sample Id: 640979-081 S | MSD Sample Id: 640979-081 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)	<15.0	997	1030	103	1010	101	70-135	2	20	mg/kg	10.27.19 12:37	
Diesel Range Organics (DRO)	<15.0	997	1000	100	980	98	70-135	2	20	mg/kg	10.27.19 12:37	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	117		119		70-135	%	10.27.19 12:37
o-Terphenyl	101		100		70-135	%	10.27.19 12:37

Analytical Method: BTEX by EPA 8021B | Prep Method: SW5030B
Seq Number: 3105586 | Matrix: Solid | Date Prep: 10.27.19
MB Sample Id: 7688949-1-BLK | LCS Sample Id: 7688949-1-BKS | LCSD Sample Id: 7688949-1-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	0.117	117	0.108	108	70-130	8	35	mg/kg	10.27.19 14:56	
Toluene	<0.00200	0.100	0.111	111	0.101	101	70-130	9	35	mg/kg	10.27.19 14:56	
Ethylbenzene	<0.00200	0.100	0.112	112	0.103	103	70-130	8	35	mg/kg	10.27.19 14:56	
m,p-Xylenes	<0.00400	0.200	0.228	114	0.207	104	70-130	10	35	mg/kg	10.27.19 14:56	
o-Xylene	<0.00200	0.100	0.107	107	0.0976	98	70-130	9	35	mg/kg	10.27.19 14:56	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	97		102		98		70-130	%	10.27.19 14:56
4-Bromofluorobenzene	101		117		106		70-130	%	10.27.19 14:56

Analytical Method: BTEX by EPA 8021B | Prep Method: SW5030B
Seq Number: 3105576 | Matrix: Solid | Date Prep: 10.27.19
MB Sample Id: 7688951-1-BLK | LCS Sample Id: 7688951-1-BKS | LCSD Sample Id: 7688951-1-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	0.111	111	0.111	111	70-130	0	35	mg/kg	10.28.19 01:36	
Toluene	<0.00200	0.100	0.0982	98	0.0977	98	70-130	1	35	mg/kg	10.28.19 01:36	
Ethylbenzene	<0.00200	0.100	0.0961	96	0.0953	95	70-130	1	35	mg/kg	10.28.19 01:36	
m,p-Xylenes	<0.00400	0.200	0.191	96	0.189	95	70-130	1	35	mg/kg	10.28.19 01:36	
o-Xylene	<0.00200	0.100	0.0913	91	0.0919	92	70-130	1	35	mg/kg	10.28.19 01:36	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	96		102		106		70-130	%	10.28.19 01:36
4-Bromofluorobenzene	95		109		114		70-130	%	10.28.19 01:36

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
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 640979

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3105712 — Matrix: Solid — Date Prep: 10.27.19
MB Sample Id: 7689007-1-BLK — LCS Sample Id: 7689007-1-BKS — LCSD Sample Id: 7689007-1-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	0.101	101	70-130	4	35	mg/kg	10.29.19 01:12	
Toluene	<0.00200	0.100	0.0978	98	0.0934	93	70-130	5	35	mg/kg	10.29.19 01:12	
Ethylbenzene	<0.00200	0.100	0.0982	98	0.0896	90	70-130	9	35	mg/kg	10.29.19 01:12	
m,p-Xylenes	<0.00400	0.200	0.199	100	0.181	91	70-130	9	35	mg/kg	10.29.19 01:12	
o-Xylene	<0.00200	0.100	0.0938	94	0.0882	88	70-130	6	35	mg/kg	10.29.19 01:12	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	96		103		98		70-130	%	10.29.19 01:12
4-Bromofluorobenzene	98		107		106		70-130	%	10.29.19 01:12

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3105703 — Matrix: Solid — Date Prep: 10.27.19
MB Sample Id: 7688952-1-BLK — LCS Sample Id: 7688952-1-BKS — LCSD Sample Id: 7688952-1-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	0.116	116	70-130	10	35	mg/kg	10.28.19 08:20	
Toluene	<0.00200	0.100	0.0949	95	0.110	110	70-130	15	35	mg/kg	10.28.19 08:20	
Ethylbenzene	<0.00200	0.100	0.0927	93	0.112	112	70-130	19	35	mg/kg	10.28.19 08:20	
m,p-Xylenes	<0.00400	0.200	0.186	93	0.225	113	70-130	19	35	mg/kg	10.28.19 08:20	
o-Xylene	<0.00200	0.100	0.0933	93	0.115	115	70-130	21	35	mg/kg	10.28.19 08:20	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	97		99		98		70-130	%	10.28.19 08:20
4-Bromofluorobenzene	99		95		113		70-130	%	10.28.19 08:20

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3105707 — Matrix: Solid — Date Prep: 10.28.19
MB Sample Id: 7689008-1-BLK — LCS Sample Id: 7689008-1-BKS — LCSD Sample Id: 7689008-1-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	0.101	101	0.102	102	70-130	1	35	mg/kg	10.28.19 15:33	
Toluene	<0.00200	0.100	0.0919	92	0.0942	94	70-130	2	35	mg/kg	10.28.19 15:33	
Ethylbenzene	<0.00200	0.100	0.0924	92	0.0945	95	70-130	2	35	mg/kg	10.28.19 15:33	
m,p-Xylenes	<0.00400	0.200	0.185	93	0.188	94	70-130	2	35	mg/kg	10.28.19 15:33	
o-Xylene	<0.00200	0.100	0.0874	87	0.0900	90	70-130	3	35	mg/kg	10.28.19 15:33	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	94		97		103		70-130	%	10.28.19 15:33
4-Bromofluorobenzene	95		101		110		70-130	%	10.28.19 15:33

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

QC Summary 640979

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3105691 — Matrix: Solid — Date Prep: 10.28.19
MB Sample Id: 7689009-1-BLK — LCS Sample Id: 7689009-1-BKS — LCSD Sample Id: 7689009-1-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	0.107	107	0.114	114	70-130	6	35	mg/kg	10.28.19 20:31	
Toluene	<0.00200	0.100	0.102	102	0.107	107	70-130	5	35	mg/kg	10.28.19 20:31	
Ethylbenzene	<0.00200	0.100	0.102	102	0.107	107	70-130	5	35	mg/kg	10.28.19 20:31	
m,p-Xylenes	<0.00400	0.200	0.207	104	0.215	108	70-130	4	35	mg/kg	10.28.19 20:31	
o-Xylene	<0.00200	0.100	0.103	103	0.109	109	70-130	6	35	mg/kg	10.28.19 20:31	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	98		99		100		70-130	%	10.28.19 20:31
4-Bromofluorobenzene	91		103		108		70-130	%	10.28.19 20:31

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3105586 — Matrix: Soil — Date Prep: 10.27.19
Parent Sample Id: 640979-001 — MS Sample Id: 640979-001 S — MSD Sample Id: 640979-001 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	0.100	0.0865	87	0.0945	95	70-130	9	35	mg/kg	10.28.19 01:15	
Toluene	<0.00200	0.100	0.0659	66	0.0779	78	70-130	17	35	mg/kg	10.28.19 01:15	X
Ethylbenzene	<0.00200	0.100	0.0542	54	0.0676	68	70-130	22	35	mg/kg	10.28.19 01:15	X
m,p-Xylenes	<0.00400	0.200	0.103	52	0.131	66	70-130	24	35	mg/kg	10.28.19 01:15	X
o-Xylene	<0.00200	0.100	0.0533	53	0.0638	64	70-130	18	35	mg/kg	10.28.19 01:15	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	103		104		70-130	%	10.28.19 01:15
4-Bromofluorobenzene	106		108		70-130	%	10.28.19 01:15

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3105576 — Matrix: Soil — Date Prep: 10.27.19
Parent Sample Id: 640979-021 — MS Sample Id: 640979-021 S — MSD Sample Id: 640979-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0996	0.0963	97	0.101	102	70-130	5	35	mg/kg	10.28.19 02:16	
Toluene	<0.00199	0.0996	0.0850	85	0.0903	91	70-130	6	35	mg/kg	10.28.19 02:16	
Ethylbenzene	<0.00199	0.0996	0.0821	82	0.0863	87	70-130	5	35	mg/kg	10.28.19 02:16	
m,p-Xylenes	<0.00398	0.199	0.162	81	0.171	86	70-130	5	35	mg/kg	10.28.19 02:16	
o-Xylene	<0.00199	0.0996	0.0815	82	0.0856	86	70-130	5	35	mg/kg	10.28.19 02:16	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	105		102		70-130	%	10.28.19 02:16
4-Bromofluorobenzene	108		111		70-130	%	10.28.19 02:16

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

QC Summary 640979

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3105712 — Matrix: Soil — Date Prep: 10.27.19
Parent Sample Id: 640979-041 — MS Sample Id: 640979-041 S — MSD Sample Id: 640979-041 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	0.122	122	0.129	129	70-130	6	35	mg/kg	10.29.19 01:53	
Toluene	<0.00200	0.0998	0.108	108	0.111	111	70-130	3	35	mg/kg	10.29.19 01:53	
Ethylbenzene	<0.00200	0.0998	0.106	106	0.109	109	70-130	3	35	mg/kg	10.29.19 01:53	
m,p-Xylenes	<0.00399	0.200	0.222	111	0.227	113	70-130	2	35	mg/kg	10.29.19 01:53	
o-Xylene	<0.00200	0.0998	0.116	116	0.116	116	70-130	0	35	mg/kg	10.29.19 01:53	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	103		110		70-130	%	10.29.19 01:53
4-Bromofluorobenzene	115		117		70-130	%	10.29.19 01:53

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3105703 — Matrix: Soil — Date Prep: 10.27.19
Parent Sample Id: 640979-061 — MS Sample Id: 640979-061 S — MSD Sample Id: 640979-061 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	0.0805	81	0.0802	80	70-130	0	35	mg/kg	10.28.19 10:32	
Toluene	<0.00200	0.0998	0.0830	83	0.0786	79	70-130	5	35	mg/kg	10.28.19 10:32	
Ethylbenzene	<0.00200	0.0998	0.0867	87	0.0803	80	70-130	8	35	mg/kg	10.28.19 10:32	
m,p-Xylenes	<0.00399	0.200	0.178	89	0.164	82	70-130	8	35	mg/kg	10.28.19 10:32	
o-Xylene	<0.00200	0.0998	0.0870	87	0.0813	81	70-130	7	35	mg/kg	10.28.19 10:32	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	96		100		70-130	%	10.28.19 10:32
4-Bromofluorobenzene	117		116		70-130	%	10.28.19 10:32

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3105707 — Matrix: Soil — Date Prep: 10.28.19
Parent Sample Id: 641072-001 — MS Sample Id: 641072-001 S — MSD Sample Id: 641072-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0996	0.0728	73	0.0914	92	70-130	23	35	mg/kg	10.28.19 16:13	
Toluene	<0.00199	0.0996	0.0714	72	0.0839	84	70-130	16	35	mg/kg	10.28.19 16:13	
Ethylbenzene	<0.00199	0.0996	0.0620	62	0.0831	84	70-130	29	35	mg/kg	10.28.19 16:13	X
m,p-Xylenes	<0.00398	0.199	0.123	62	0.167	84	70-130	30	35	mg/kg	10.28.19 16:13	X
o-Xylene	<0.00199	0.0996	0.0606	61	0.0784	79	70-130	26	35	mg/kg	10.28.19 16:13	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	97		99		70-130	%	10.28.19 16:13
4-Bromofluorobenzene	99		111		70-130	%	10.28.19 16:13

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

QC Summary 640979

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B

Seq Number: 3105691 Matrix: Soil Date Prep: 10.28.19

Parent Sample Id: 640979-081 MS Sample Id: 640979-081 S MSD Sample Id: 640979-081 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	0.0494	49	0.0911	91	70-130	59	35	mg/kg	10.28.19 21:11	XF
Toluene	<0.00201	0.100	0.0669	67	0.0857	86	70-130	25	35	mg/kg	10.28.19 21:11	X
Ethylbenzene	<0.00201	0.100	0.0722	72	0.0836	84	70-130	15	35	mg/kg	10.28.19 21:11	
m,p-Xylenes	<0.00402	0.201	0.147	73	0.167	83	70-130	13	35	mg/kg	10.28.19 21:11	
o-Xylene	<0.00201	0.100	0.0754	75	0.0846	85	70-130	12	35	mg/kg	10.28.19 21:11	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	82		102		70-130	%	10.28.19 21:11
4-Bromofluorobenzene	123		114		70-130	%	10.28.19 21:11

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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Lab 40979

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 1	10/22/2019	9:00		X			X	1		X		X												X							
	Bottom Hole - 2	10/22/2019	9:05		X			X	1		X		X												X							
	Bottom Hole - 3	10/22/2019	9:10		X			X	1		X		X												X							
	Bottom Hole - 4	10/22/2019	9:20		X			X	1		X		X												X							
	Bottom Hole - 5	10/22/2019	9:25		X			X	1		X		X												X							
	Bottom Hole - 6	10/22/2019	9:30		X			X	1		X		X												X							
	Bottom Hole - 7	10/22/2019	9:35		X			X	1		X		X												X							
	Bottom Hole - 8	10/22/2019	9:40		X			X	1		X		X												X							
	Bottom Hole - 9	10/22/2019	9:45		X			X	1		X		X												X							
	Bottom Hole - 10	10/22/2019	9:50		X			X	1		X		X												X							

Relinquished by: Clint Merritt	Date: 10/24	Time: 14:05	Received by: [signature]
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 10/24/19 Time: 1405

Date: Time:

Date: Time:

LAB USE ONLY

Sample Temperature 3.3|3.1

REMARKS:

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

1040979

Tetra Tech, Inc.

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

Client Name:	EOG	**Site Manager:**	Clair Gonzales
Project Name:	Neptune 202		
Project Location: (county, state)	Lea Co, NM	**Project #:**	212C-MD-01841
Invoice to:			
Receiving Laboratory:	Xenco	**Sampler Signature:**	Clint Merritt
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 11	10/22/2019	9:55		X				X			1		X		X												X							
	Bottom Hole - 12	10/22/2019	10:00		X				X			1		X		X												X							
	Bottom Hole - 13	10/22/2019	10:05		X				X			1		X		X												X							
	Bottom Hole - 14	10/22/2019	10:10		X				X			1		X		X												X							
	Bottom Hole - 15	10/22/2019	10:15		X				X			1		X		X												X							
	Bottom Hole - 16	10/22/2019	10:20		X				X			1		X		X												X							
	Bottom Hole - 17	10/22/2019	10:25		X				X			1		X		X												X							
	Bottom Hole - 18	10/22/2019	10:30		X				X			1		X		X												X							
	Bottom Hole - 19	10/22/2019	10:35		X				X			1		X		X												X							
	Bottom Hole - 20	10/22/2019	10:40		X				X			1		X		X												X							

Relinquished by: Clint Merritt	Date: 10/24	Time: 14:05	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: Time:

Date: Time:

Date: Time:

LAB USE ONLY

Sample Temperature 3.3/3.1

REMARKS:

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 21	10/22/2019	10:45		X				X			1		X		X												X							
	Bottom Hole - 22	10/22/2019	10:50		X				X			1		X		X												X							
	Bottom Hole - 23	10/22/2019	10:55		X				X			1		X		X												X							
	Bottom Hole - 24	10/22/2019	11:00		X				X			1		X		X												X							
	Bottom Hole - 25	10/22/2019	11:05		X				X			1		X		X												X							
	Bottom Hole - 26	10/22/2019	11:10		X				X			1		X		X												X							
	Bottom Hole - 27	10/22/2019	11:15		X				X			1		X		X												X							
	Bottom Hole - 28	10/22/2019	11:20		X				X			1		X		X												X							
	Bottom Hole - 29	10/22/2019	11:25		X				X			1		X		X												X							
	Bottom Hole - 30	10/22/2019	11:30		X				X			1		X		X												X							

Relinquished by: Clint Merritt	Date: 10/24	Time: 14:05	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY
Sample Temperature 3.3/3.1

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

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604979

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE			# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 31	10/22/2019	11:35		X				X			1		X		X											X							
	Bottom Hole - 32	10/22/2019	11:40		X				X			1		X		X											X							
	Bottom Hole - 33	10/22/2019	11:45		X				X			1		X		X											X							
	Bottom Hole - 34	10/22/2019	11:50		X				X			1		X		X											X							
	Bottom Hole - 35	10/22/2019	11:55		X				X			1		X		X											X							
	Bottom Hole - 36	10/22/2019	12:00		X				X			1		X		X											X							
	Bottom Hole - 37	10/22/2019	12:05		X				X			1		X		X											X							
	Bottom Hole - 38	10/22/2019	12:10		X				X			1		X		X											X							
	Bottom Hole - 39	10/22/2019	12:15		X				X			1		X		X											X							
	Bottom Hole - 40	10/22/2019	12:20		X				X			1		X		X											X							

Relinquished by: Clint Merritt	Date: 10/24	Time: 14:05	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY
Sample Temperature 3.3|3.1

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

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Analysis Request of Chain of Custody Record

604979

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 41	10/22/2019	12:25		X			X	1		X		X												X							
	Bottom Hole - 42	10/22/2019	12:30		X			X	1		X		X												X							
	Bottom Hole - 43	10/22/2019	12:35		X			X	1		X		X												X							
	Bottom Hole - 44	10/22/2019	12:40		X			X	1		X		X												X							
	Bottom Hole - 45	10/22/2019	12:45		X			X	1		X		X												X							
	Bottom Hole - 46	10/22/2019	12:50		X			X	1		X		X												X							
	Bottom Hole - 47	10/22/2019	12:55		X			X	1		X		X												X							
	Bottom Hole - 48	10/23/2019	10:30		X			X	1		X		X												X							
	Bottom Hole - 49	10/23/2019	13:05		X			X	1		X		X												X							
	Bottom Hole - 50	10/23/2019	13:10		X			X	1		X		X												X							

Relinquished by:	Date: 10/24	Time: 1405	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: Time:

Date: Time:

Date: Time:

LAB USE ONLY
Sample Temperature
33/3.1

REMARKS:

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

1040979

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
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	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 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 51	10/23/2019	13:15		X				X			1		X		X												X							
	Bottom Hole - 52	10/23/2019	13:20		X				X			1		X		X												X							
	Bottom Hole - 53	10/23/2019	13:25		X				X			1		X		X												X							
	Bottom Hole - 54	10/23/2019	13:30		X				X			1		X		X												X							
	Bottom Hole - 55	10/23/2019	13:35		X				X			1		X		X												X							
	Bottom Hole - 56	10/23/2019	13:40		X				X			1		X		X												X							
	Bottom Hole - 57	10/23/2019	13:45		X				X			1		X		X												X							
	Bottom Hole - 58	10/23/2019	13:50		X				X			1		X		X												X							
	Bottom Hole - 59	10/23/2019	13:55		X				X			1		X		X												X							
	Bottom Hole - 60	10/23/2019	14:00		X				X			1		X		X												X							

Relinquished by: Clint	Date: 10/24	Time: 1405	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY
Sample Temperature
3.3/3.1

REMARKS:

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

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

641079

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 61	10/23/2019	14:05		X				X			1		X		X												X							
	Bottom Hole - 62	10/23/2019	14:10		X				X			1		X		X												X							
	Bottom Hole - 63	10/23/2019	14:15		X				X			1		X		X												X							
	Bottom Hole - 64	10/23/2019	14:20		X				X			1		X		X												X							
	Bottom Hole - 65	10/23/2019	14:25		X				X			1		X		X												X							
	Bottom Hole - 66	10/23/2019	14:30		X				X			1		X		X												X							
	Bottom Hole - 67	10/23/2019	14:35		X				X			1		X		X												X							
	Bottom Hole - 68	10/23/2019	14:40		X				X			1		X		X												X							
	Bottom Hole - 69	10/23/2019	14:45		X				X			1		X		X												X							
	Bottom Hole - 70	10/23/2019	14:50		X				X			1		X		X												X							

Relinquished by: Clint	Date: 10/24	Time: 1405	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY
Sample Temperature
3.3/3.1

REMARKS:

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

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Analysis Request of Chain of Custody Record

604979

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
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	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 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 71	10/23/2019	14:55		X				X			1		X		X												X							
	Bottom Hole - 72	10/23/2019	15:00		X				X			1		X		X												X							
	Bottom Hole - 73	10/23/2019	15:05		X				X			1		X		X												X							
	Bottom Hole - 74	10/23/2019	15:10		X				X			1		X		X												X							
	Bottom Hole - 75	10/23/2019	15:15		X				X			1		X		X												X							
	Bottom Hole - 76	10/23/2019	15:20		X				X			1		X		X												X							
	Bottom Hole - 77	10/23/2019	15:25		X				X			1		X		X												X							
	Bottom Hole - 78	10/23/2019	15:30		X				X			1		X		X												X							
	Bottom Hole - 79	10/23/2019	13:30		X				X			1		X		X												X							
	Bottom Hole - 80	10/23/2019	15:35		X				X			1		X		X												X							

Relinquished by: Clint	Date: 10/24	Time: 1405	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY
Sample Temperature 3.3/3.1

REMARKS:

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

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

1640979

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 81	10/23/2019	15:40		X			X	1		X		X												X							
	Bottom Hole - 82	10/23/2019	15:45		X			X	1		X		X												X							
	Bottom Hole - 83	10/23/2019	15:50		X			X	1		X		X												X							
	Bottom Hole - 84	10/23/2019	15:55		X			X	1		X		X												X							
	Bottom Hole - 85	10/23/2019	16:00		X			X	1		X		X												X							
	Bottom Hole - 86	10/23/2019	16:05		X			X	1		X		X												X							
	Bottom Hole - 87	10/23/2019	16:10		X			X	1		X		X												X							
	Bottom Hole - 88	10/23/2019	16:15		X			X	1		X		X												X							
	Bottom Hole - 89	10/23/2019	16:20		X			X	1		X		X												X							
	Bottom Hole - 90	10/23/2019	16:25		X			X	1		X		X												X							

Relinquished by:	Date: 10/24 Time: 14:05	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by:	Date: Time:

LAB USE ONLY
Sample Temperature
3.3/3.1

REMARKS:

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

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Le40929

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 91	10/23/2019	16:30		X				X			1		X		X												X							
	Bottom Hole - 92	10/23/2019	16:35		X				X			1		X		X												X							
	Bottom Hole - 93	10/23/2019	16:40		X				X			1		X		X												X							
	Bottom Hole - 94	10/23/2019	16:45		X				X			1		X		X												X							
	Bottom Hole - 95	10/23/2019	16:50		X				X			1		X		X												X							
	Bottom Hole - 96	10/23/2019	16:55		X				X			1		X		X												X							
	Bottom Hole - 97	10/23/2019	17:00		X				X			1		X		X												X							
	Bottom Hole - 98	10/23/2019	17:05		X				X			1		X		X												X							

Relinquished by:	Date: 10/24	Time: 1405	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Received by:	Date:	Time:
Received by:	Date:	Time:
Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
3.3/3.1

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

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Date/ Time Received: 10/24/2019 02:05:00 PM

Work Order #: 640979

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

Temperature Measuring device used : R8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	3.1
#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**
#13 Samples properly preserved?	**Yes**
#14 Sample container(s) intact?	**Yes**
#15 Sufficient sample amount for indicated test(s)?	**Yes**
#16 All samples received within hold time?	**Yes**
#17 Subcontract of sample(s)?	**N/A**
#18 Water VOC samples have zero headspace?	**N/A**

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

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 10/24/2019
Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 10/28/2019
Jessica Kramer

Received by OCD: 12/18/2025 12:16:15 PM

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested		641506-001		641506-002		641506-003		641506-004		641506-005		641506-006	
	Field Id:	Bottom Hole-99		Bottom Hole-100		Bottom Hole-101		Bottom Hole-102		Bottom Hole-103		Bottom Hole-104	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 17:10		Oct-22-19 17:15		Oct-22-19 17:20		Oct-22-19 17:25		Oct-22-19 17:30		Oct-22-19 17:35	
BTEX by EPA 8021B	*Extracted:*	Oct-30-19 15:00		Oct-30-19 15:00		Oct-30-19 15:00		Oct-30-19 15:00		Oct-30-19 15:00		Oct-30-19 15:00	
	Analyzed:	Oct-31-19 00:08		Oct-31-19 00:28		Oct-31-19 00:48		Oct-31-19 01:08		Oct-31-19 01:29		Oct-31-19 01:49	
	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	<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201
Toluene		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201
Ethylbenzene		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201
m,p-Xylenes		<0.00400	0.00400	<0.00403	0.00403	<0.00399	0.00399	<0.00400	0.00400	<0.00396	0.00396	<0.00402	0.00402
o-Xylene		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201
Total Xylenes		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201
Total BTEX		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201
Chloride by EPA 300	*Extracted:*	Oct-30-19 14:45		Oct-30-19 14:45		Oct-30-19 14:45		Oct-30-19 14:45		Oct-30-19 14:45		Oct-30-19 14:45	
	Analyzed:	Oct-30-19 15:34		Oct-30-19 15:41		Oct-30-19 15:48		Oct-30-19 15:54		Oct-30-19 16:14		Oct-30-19 16:21	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		14.2	4.99	<5.03	5.03	24.6	4.98	145	5.00	57.9	5.00	47.4	5.00
TPH By SW8015 Mod	*Extracted:*	Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00	
	Analyzed:	Oct-30-19 22:27		Oct-30-19 23:24		Oct-30-19 23:43		** ** ** **		** ** ** **		** ** ** **	
	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	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<49.9	49.9
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<49.9	49.9
Total TPH		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<49.9	49.9

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The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories.
XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.
Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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

Version: 1.%

Jessica Kramer
Project Assistant

Released to Imaging: 2/18/2026 12:00:57 PM

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested		641506-007		641506-008		641506-009		641506-010		641506-011		641506-012	
	Field Id:	Bottom Hole-105		Bottom Hole-106		Bottom Hole-107		Bottom Hole-108		Bottom Hole-109		Bottom Hole-110	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 17:40		Oct-22-19 17:45		Oct-22-19 17:50		Oct-22-19 17:55		Oct-22-19 18:00		Oct-22-19 18:05	
BTEX by EPA 8021B	Extracted:	Oct-30-19 15:00		Oct-30-19 15:00		Oct-30-19 15:00		Oct-30-19 15:00		Oct-30-19 15:00		Oct-30-19 15:00	
	Analyzed:	Oct-31-19 02:09		Oct-31-19 02:29		Oct-31-19 02:49		Oct-31-19 03:09		Oct-31-19 04:27		Oct-31-19 04:48	
	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	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00202	0.00202
Toluene		<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00202	0.00202
Ethylbenzene		<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00202	0.00202
m,p-Xylenes		<0.00400	0.00400	<0.00401	0.00401	<0.00400	0.00400	<0.00396	0.00396	<0.00396	0.00396	<0.00404	0.00404
o-Xylene		<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00202	0.00202
Total Xylenes		<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00202	0.00202
Total BTEX		<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00202	0.00202
Chloride by EPA 300	Extracted:	Oct-30-19 14:45		Oct-30-19 14:45		Oct-30-19 14:45		Oct-30-19 14:45		Oct-30-19 14:45		Oct-30-19 14:45	
	Analyzed:	Oct-30-19 16:28		Oct-30-19 16:34		Oct-30-19 16:41		Oct-30-19 16:48		Oct-30-19 17:08		Oct-30-19 17:14	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		19.3	5.05	6.81	5.05	43.6	24.9	725	4.96	126	4.95	91.1	4.98
TPH By SW8015 Mod	Extracted:	Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00	
	Analyzed:	** ** ** **		Oct-31-19 01:18		Oct-31-19 01:37		Oct-31-19 01:56		Oct-31-19 02:34		Oct-31-19 02:53	
	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	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<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	<49.9	49.9	<50.0	50.0	<50.0	50.0
Total TPH		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested		641506-013		641506-014		641506-015		641506-016		641506-017		641506-018	
	Field Id:	Bottom Hole-111		Bottom Hole-112		Bottom Hole-113		Bottom Hole-114		Bottom Hole-115		Bottom Hole-116	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 18:10		Oct-22-19 18:15		Oct-22-19 18:20		Oct-22-19 18:25		Oct-22-19 18:30		Oct-22-19 18:35	
BTEX by EPA 8021B	*Extracted:*	Oct-30-19 15:00		Oct-30-19 15:00		Oct-30-19 15:00		Oct-30-19 15:00		Oct-30-19 15:00		Oct-30-19 15:00	
	Analyzed:	Oct-31-19 05:08		Oct-31-19 05:28		Oct-31-19 05:48		Oct-31-19 06:08		Oct-31-19 06:28		Oct-31-19 06:48	
	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	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199
Toluene		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199
Ethylbenzene		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199
m,p-Xylenes		<0.00398	0.00398	<0.00400	0.00400	<0.00396	0.00396	<0.00402	0.00402	<0.00399	0.00399	<0.00398	0.00398
o-Xylene		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199
Total Xylenes		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199
Total BTEX		<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199
Chloride by EPA 300	*Extracted:*	Oct-30-19 14:45		Oct-30-19 14:45		Oct-30-19 14:45		Oct-30-19 14:45		Oct-30-19 14:45		Oct-30-19 14:45	
	Analyzed:	Oct-30-19 17:34		Oct-30-19 17:41		Oct-30-19 17:47		Oct-30-19 17:54		Oct-30-19 18:01		Oct-30-19 18:07	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		25.1	5.03	12.6	4.99	23.9	5.00	137	5.04	67.2	5.00	89.8	5.00
TPH By SW8015 Mod	*Extracted:*	Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00	
	Analyzed:	Oct-31-19 03:12		Oct-31-19 03:31		Oct-31-19 03:50		Oct-31-19 04:09		Oct-31-19 04:28		Oct-31-19 04:47	
	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	<49.9	49.9	<49.9	49.9
Diesel Range Organics (DRO)		<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.9	49.9
Total TPH		<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9	<49.9	49.9

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested		641506-019		641506-020		641506-021		641506-022		641506-023		641506-024	
	Field Id:	Bottom Hole-117		Bottom Hole-118		Bottom Hole-119		Bottom Hole-120		Bottom Hole-121		Bottom Hole-122	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 18:40		Oct-22-19 18:45		Oct-22-19 18:50		Oct-22-19 18:55		Oct-22-19 19:00		Oct-22-19 19:05	
BTEX by EPA 8021B	*Extracted:*	Oct-30-19 15:00		Oct-30-19 15:00		Oct-30-19 16:00		Oct-30-19 16:00		Oct-30-19 16:00		Oct-30-19 16:00	
	Analyzed:	Oct-31-19 07:08		Oct-31-19 07:28		Oct-31-19 10:47		Oct-31-19 11:07		Oct-31-19 11:27		Oct-31-19 11:47	
	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	<0.00202	0.00202	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00201	0.00201
Toluene		<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00201	0.00201
Ethylbenzene		<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00201	0.00201
m,p-Xylenes		<0.00402	0.00402	<0.00403	0.00403	<0.00402	0.00402	<0.00399	0.00399	<0.00399	0.00399	<0.00402	0.00402
o-Xylene		<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00201	0.00201
Total Xylenes		<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00201	0.00201
Total BTEX		<0.00201	0.00201	<0.00202	0.00202	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00201	0.00201
Chloride by EPA 300	*Extracted:*	Oct-30-19 14:45		Oct-30-19 15:10		Oct-30-19 15:10		Oct-30-19 15:10		Oct-30-19 15:10		Oct-30-19 15:10	
	Analyzed:	Oct-30-19 18:14		Oct-30-19 16:45		Oct-30-19 17:02		Oct-30-19 17:08		Oct-30-19 17:14		Oct-30-19 17:20	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		220	5.00	49.7	5.00	27.6	4.95	196	24.9	6710	49.7	58.9	5.02
TPH By SW8015 Mod	*Extracted:*	Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00	
	Analyzed:	Oct-31-19 05:07		Oct-31-19 05:26		Oct-30-19 22:30		Oct-30-19 23:32		Oct-30-19 23:52		Oct-31-19 00:13	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0
Total TPH		<49.8	49.8	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested		641506-025		641506-026		641506-027		641506-028		641506-029		641506-030	
	Field Id:	Bottom Hole-123		Bottom Hole-124		Bottom Hole-125		Bottom Hole-126		Bottom Hole-127		Bottom Hole-128	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 19:10		Oct-22-19 19:15		Oct-22-19 19:20		Oct-22-19 19:25		Oct-22-19 19:30		Oct-22-19 19:35	
BTEX by EPA 8021B	*Extracted:*	Oct-30-19 16:00		Oct-30-19 16:00		Oct-30-19 16:00		Oct-30-19 16:00		Oct-30-19 16:00		Oct-30-19 16:00	
	Analyzed:	Oct-31-19 12:07		Oct-31-19 12:27		Oct-31-19 12:47		Oct-31-19 13:07		Oct-31-19 13:28		Oct-31-19 13:48	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202
Toluene		<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202
Ethylbenzene		<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202
m,p-Xylenes		<0.00404	0.00404	<0.00398	0.00398	<0.00398	0.00398	<0.00396	0.00396	<0.00398	0.00398	<0.00403	0.00403
o-Xylene		<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202
Total Xylenes		<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202
Total BTEX		<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202
Chloride by EPA 300	*Extracted:*	Oct-30-19 15:10		Oct-30-19 15:10		Oct-30-19 15:10		Oct-30-19 15:10		Oct-30-19 15:10		Oct-30-19 15:10	
	Analyzed:	Oct-30-19 17:37		Oct-30-19 17:43		Oct-30-19 17:49		Oct-30-19 17:55		Oct-30-19 18:00		Oct-30-19 18:06	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		57.5	5.00	153	4.99	23.9	5.03	63.6	4.98	1120	4.96	473	4.95
TPH By SW8015 Mod	*Extracted:*	Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00	
	Analyzed:	Oct-31-19 00:34		Oct-31-19 00:55		Oct-31-19 01:17		Oct-31-19 01:38		Oct-31-19 01:59		Oct-31-19 02:19	
	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	<49.8	49.8	<50.0	50.0	<50.0	50.0	<50.0	50.0
Diesel Range Organics (DRO)		<49.9	49.9	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<50.0	50.0
Total TPH		<49.9	49.9	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<50.0	50.0

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested		641506-031		641506-032		641506-033		641506-034		641506-035		641506-036	
	Field Id:	Bottom Hole-129		Bottom Hole-130		Bottom Hole-131		Bottom Hole-132		Bottom Hole-133		Bottom Hole-134	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 19:40		Oct-22-19 19:45		Oct-22-19 19:50		Oct-22-19 19:55		Oct-22-19 20:00		Oct-22-19 20:05	
BTEX by EPA 8021B	*Extracted:*	Oct-30-19 16:00		Oct-30-19 16:00		Oct-30-19 16:00		Oct-30-19 16:00		Oct-30-19 16:00		Oct-30-19 16:00	
	Analyzed:	Oct-31-19 15:06		Oct-31-19 15:26		Oct-31-19 15:46		Oct-31-19 16:06		Oct-31-19 16:27		Oct-31-19 16:47	
	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	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200
Toluene		<0.00199	0.00199	<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200
Ethylbenzene		<0.00199	0.00199	<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200
m,p-Xylenes		<0.00398	0.00398	<0.00402	0.00402	<0.00402	0.00402	<0.00400	0.00400	<0.00397	0.00397	<0.00399	0.00399
o-Xylene		<0.00199	0.00199	<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200
Total Xylenes		<0.00199	0.00199	<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200
Total BTEX		<0.00199	0.00199	<0.00201	0.00201	<0.00201	0.00201	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200
Chloride by EPA 300	*Extracted:*	Oct-30-19 15:10		Oct-30-19 15:10		Oct-30-19 15:10		Oct-30-19 15:10		Oct-30-19 15:10		Oct-30-19 15:10	
	Analyzed:	Oct-30-19 18:24		Oct-30-19 18:29		Oct-30-19 18:47		Oct-30-19 18:53		Oct-30-19 18:58		Oct-30-19 19:04	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		69.2	5.02	110	4.99	180	5.05	19.1	5.02	<5.03	5.03	11.3	5.00
TPH By SW8015 Mod	*Extracted:*	Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00	
	Analyzed:	Oct-31-19 03:01		Oct-31-19 03:22		Oct-31-19 03:43		Oct-31-19 04:04		Oct-31-19 04:25		Oct-31-19 04:47	
	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	<49.9	49.9
Diesel Range Organics (DRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<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	<49.9	49.9	<49.9	49.9
Total TPH		<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested		641506-037		641506-038		641506-039		641506-040		641506-041		641506-042	
	Field Id:	Bottom Hole-135		Bottom Hole-136		Bottom Hole-137		Bottom Hole-138		Bottom Hole-139		Bottom Hole-140	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 20:10		Oct-22-19 20:15		Oct-22-19 20:20		Oct-22-19 20:25		Oct-22-19 20:30		Oct-22-19 20:35	
BTEX by EPA 8021B	*Extracted:*	Oct-30-19 16:00		Oct-30-19 16:00		Oct-30-19 16:00		Oct-30-19 16:00		Oct-31-19 10:00		Oct-31-19 10:00	
	Analyzed:	Oct-31-19 17:07		Oct-31-19 17:27		Oct-31-19 17:47		Oct-31-19 18:07		Oct-31-19 21:25		Oct-31-19 21:45	
	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	<0.00202	0.00202	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199
Toluene		<0.00199	0.00199	<0.00198	0.00198	<0.00202	0.00202	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199
Ethylbenzene		<0.00199	0.00199	<0.00198	0.00198	<0.00202	0.00202	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199
m,p-Xylenes		<0.00398	0.00398	<0.00397	0.00397	<0.00403	0.00403	<0.00396	0.00396	<0.00398	0.00398	<0.00398	0.00398
o-Xylene		<0.00199	0.00199	<0.00198	0.00198	<0.00202	0.00202	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199
Total Xylenes		<0.00199	0.00199	<0.00198	0.00198	<0.00202	0.00202	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199
Total BTEX		<0.00199	0.00199	<0.00198	0.00198	<0.00202	0.00202	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199
Chloride by EPA 300	*Extracted:*	Oct-30-19 15:10		Oct-30-19 15:10		Oct-30-19 15:10		Oct-30-19 16:10		Oct-30-19 16:10		Oct-30-19 16:10	
	Analyzed:	Oct-30-19 19:10		Oct-30-19 19:16		Oct-30-19 19:22		Oct-30-19 17:52		Oct-30-19 18:08		Oct-30-19 18:13	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		78.6	4.96	642	5.04	33.3	4.98	108	4.97	127	5.02	62.0	4.96
TPH By SW8015 Mod	*Extracted:*	Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00	
	Analyzed:	Oct-31-19 05:08		Oct-31-19 05:28		Oct-31-19 05:49		Oct-31-19 06:10		Oct-30-19 22:30		Oct-30-19 23:32	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.8	49.8
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.8	49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.8	49.8
Total TPH		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.8	49.8

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	641506-043		641506-044		641506-045		641506-046		641506-047		641506-048	
	Field Id:	Bottom Hole-141		Bottom Hole-142		Bottom Hole-143		Bottom Hole-144		Bottom Hole-145		Bottom Hole-146	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 20:40		Oct-22-19 20:45		Oct-22-19 20:50		Oct-22-19 20:55		Oct-22-19 21:00		Oct-22-19 21:05	
BTEX by EPA 8021B	***Extracted:***	Oct-31-19 10:00		Oct-31-19 10:00		Oct-31-19 10:00		Oct-31-19 10:00		Oct-31-19 10:00		Oct-31-19 10:00	
	Analyzed:	Oct-31-19 22:06		Oct-31-19 22:26		Oct-31-19 22:46		Oct-31-19 23:06		Oct-31-19 23:26		Oct-31-19 23:46	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198
Toluene		<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198
Ethylbenzene		<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198
m,p-Xylenes		<0.00404	0.00404	<0.00401	0.00401	<0.00397	0.00397	<0.00398	0.00398	<0.00398	0.00398	<0.00396	0.00396
o-Xylene		<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198
Total Xylenes		<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198
Total BTEX		<0.00202	0.00202	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198
Chloride by EPA 300	***Extracted:***	Oct-30-19 16:10		Oct-30-19 16:10		Oct-30-19 16:10		Oct-30-19 16:10		Oct-30-19 16:10		Oct-30-19 16:10	
	Analyzed:	Oct-30-19 18:18		Oct-30-19 18:23		Oct-30-19 18:39		Oct-30-19 18:44		Oct-30-19 18:49		Oct-30-19 18:54	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		181	5.00	161	4.97	694	4.99	304	5.04	118	5.05	544	5.05
TPH By SW8015 Mod	***Extracted:***	Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00	
	Analyzed:	Oct-30-19 23:52		Oct-31-19 00:13		Oct-31-19 00:34		Oct-31-19 00:55		Oct-31-19 01:17		Oct-31-19 01:38	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.8	49.8
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.8	49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.8	49.8
Total TPH		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.8	49.8

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested		641506-049		641506-050		641506-051		641506-052		641506-053		641506-054	
	Lab Id:	641506-049		641506-050		641506-051		641506-052		641506-053		641506-054	
	Field Id:	Bottom Hole-147		Bottom Hole-148		Bottom Hole-149		Bottom Hole-150		Bottom Hole-151		Bottom Hole-152	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 21:10		Oct-22-19 21:15		Oct-22-19 21:20		Oct-22-19 21:25		Oct-24-19 16:00		Oct-24-19 16:05	
BTEX by EPA 8021B	*Extracted:*	Oct-31-19 10:00		Oct-31-19 10:00		Oct-31-19 10:00		Oct-31-19 10:00		Oct-31-19 10:00		Oct-31-19 10:00	
	Analyzed:	Nov-01-19 00:07		Nov-01-19 00:27		Nov-01-19 01:45		Nov-01-19 02:05		Nov-01-19 02:25		Nov-01-19 02:45	
	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	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202
Toluene		<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202
Ethylbenzene		<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202
m,p-Xylenes		<0.00398	0.00398	<0.00399	0.00399	<0.00400	0.00400	<0.00397	0.00397	<0.00398	0.00398	<0.00403	0.00403
o-Xylene		<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202
Total Xylenes		<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202
Total BTEX		<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00202	0.00202
Chloride by EPA 300	*Extracted:*	Oct-30-19 16:10		Oct-30-19 16:10		Oct-30-19 16:10		Oct-30-19 16:10		Oct-30-19 16:10		Oct-30-19 16:10	
	Analyzed:	Oct-30-19 18:59		Oct-30-19 19:04		Oct-30-19 19:20		Oct-30-19 19:25		Oct-30-19 19:40		Oct-30-19 19:45	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		83.7	5.05	51.7	4.99	105	4.97	60.0	4.96	9.47	4.97	188	5.01
TPH By SW8015 Mod	*Extracted:*	Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00	
	Analyzed:	Oct-31-19 01:59		Oct-31-19 02:19		Oct-31-19 03:01		Oct-31-19 03:22		Oct-31-19 03:43		Oct-31-19 04:04	
	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	<49.9	49.9
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9
Total TPH		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested		641506-055		641506-056		641506-057		641506-058		641506-059		641506-060	
	Field Id:	Bottom Hole-153		Bottom Hole-154		Bottom Hole-155		Bottom Hole-156		Bottom Hole-157		Bottom Hole-158	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-24-19 16:10		Oct-24-19 16:15		Oct-22-19 21:30		Oct-22-19 21:35		Oct-22-19 21:40		Oct-22-19 21:45	
BTEX by EPA 8021B	*Extracted:*	Oct-31-19 10:00		Oct-31-19 10:00		Oct-31-19 10:00		Oct-31-19 10:00		Oct-31-19 10:00		Oct-31-19 10:00	
	Analyzed:	Nov-01-19 03:06		Nov-01-19 03:26		Nov-01-19 03:46		Nov-01-19 04:06		Nov-01-19 04:26		Nov-01-19 04:46	
	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	<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200
Toluene		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200
Ethylbenzene		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200
m,p-Xylenes		<0.00401	0.00401	<0.00403	0.00403	<0.00400	0.00400	<0.00399	0.00399	<0.00399	0.00399	<0.00399	0.00399
o-Xylene		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200
Total Xylenes		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200
Total BTEX		<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200
Chloride by EPA 300	*Extracted:*	Oct-30-19 16:10		Oct-30-19 16:10		Oct-30-19 16:10		Oct-30-19 16:10		Oct-30-19 16:10		Oct-30-19 16:15	
	Analyzed:	Oct-30-19 19:50		Oct-30-19 19:56		Oct-30-19 20:01		Oct-30-19 20:06		Oct-30-19 20:11		Oct-30-19 20:47	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		2480	25.3	710	5.00	23.6	4.96	75.7	5.04	52.3	5.02	154	5.03
TPH By SW8015 Mod	*Extracted:*	Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00		Oct-30-19 17:00	
	Analyzed:	Oct-31-19 04:25		Oct-31-19 04:47		Oct-31-19 05:08		Oct-31-19 05:28		Oct-31-19 05:49		Oct-31-19 06:10	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Total TPH		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0

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Version: 1.%

Jessica Kramer
Project Assistant

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested		641506-061		641506-062		641506-063		641506-064		641506-065		641506-066	
	Field Id:	Bottom Hole-159		Bottom Hole-160		Bottom Hole-161		Bottom Hole-162		Bottom Hole-163		Bottom Hole-164	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 21:50		Oct-22-19 21:55		Oct-22-19 22:00		Oct-22-19 22:05		Oct-22-19 22:10		Oct-22-19 22:15	
BTEX by EPA 8021B	*Extracted:*	Oct-31-19 10:30		Oct-31-19 10:30		Oct-31-19 10:30		Oct-31-19 10:30		Oct-31-19 10:30		Oct-31-19 10:30	
	Analyzed:	Nov-01-19 12:13		Nov-01-19 12:33		Nov-01-19 12:53		Nov-01-19 13:13		Nov-01-19 13:33		Nov-01-19 14:55	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198
Toluene		<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198
Ethylbenzene		<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198
m,p-Xylenes		<0.00403	0.00403	<0.00398	0.00398	<0.00400	0.00400	<0.00400	0.00400	<0.00401	0.00401	<0.00396	0.00396
o-Xylene		<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198
Total Xylenes		<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198
Total BTEX		<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198
Chloride by EPA 300	*Extracted:*	Oct-30-19 16:15		Oct-30-19 16:15		Oct-30-19 16:15		Oct-30-19 16:15		Oct-30-19 16:15		Oct-30-19 16:15	
	Analyzed:	Oct-30-19 21:02		Oct-30-19 21:08		Oct-30-19 21:13		Oct-30-19 21:18		Oct-30-19 21:33		Oct-30-19 21:38	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		12.4	4.99	212	5.04	891	5.01	1330	4.98	26.4	4.95	22.3	5.04
TPH By SW8015 Mod	*Extracted:*	Oct-31-19 11:00		Oct-31-19 11:00		Oct-31-19 11:00		Oct-31-19 11:00		Oct-31-19 11:00		Oct-31-19 11:00	
	Analyzed:	Oct-31-19 12:34		Oct-31-19 13:36		Oct-31-19 13:57		Oct-31-19 14:18		Oct-31-19 14:39		Oct-31-19 15:00	
	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	<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

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

Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested		641506-067		641506-068		641506-069		641506-070		641506-071		641506-072	
	Field Id:	Bottom Hole-165		Bottom Hole-166		Bottom Hole-167		Bottom Hole-168		Bottom Hole-169		Bottom Hole-170	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 22:20		Oct-22-19 22:25		Oct-22-19 22:30		Oct-22-19 22:35		Oct-22-19 22:40		Oct-22-19 22:45	
BTEX by EPA 8021B	*Extracted:*	Oct-31-19 10:30		Oct-31-19 10:30		Oct-31-19 10:30		Oct-31-19 10:30		Oct-31-19 10:30		Oct-31-19 10:30	
	Analyzed:	Nov-01-19 15:15		Nov-01-19 15:36		Nov-01-19 15:56		Nov-01-19 16:16		Nov-01-19 17:34		Nov-01-19 17:54	
	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	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00201	0.00201
Toluene		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00201	0.00201
Ethylbenzene		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00201	0.00201
m,p-Xylenes		<0.00399	0.00399	<0.00399	0.00399	<0.00397	0.00397	<0.00399	0.00399	<0.00401	0.00401	<0.00402	0.00402
o-Xylene		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00201	0.00201
Total Xylenes		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00201	0.00201
Total BTEX		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00201	0.00201
Chloride by EPA 300	*Extracted:*	Oct-30-19 16:15		Oct-30-19 16:15		Oct-30-19 16:15		Oct-30-19 16:15		Oct-30-19 16:15		Oct-30-19 16:15	
	Analyzed:	Oct-30-19 21:44		Oct-30-19 21:49		Oct-30-19 21:54		Oct-30-19 21:59		Oct-30-19 22:14		Oct-30-19 22:19	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		130	5.02	195	4.98	352	4.96	154	4.99	430	4.95	25.9	4.95
TPH By SW8015 Mod	*Extracted:*	Oct-31-19 11:00		Oct-31-19 11:00		Oct-31-19 11:00		Oct-31-19 11:00		Oct-31-19 11:00		Oct-31-19 11:00	
	Analyzed:	Oct-31-19 15:21		Oct-31-19 15:42		Oct-31-19 16:03		Oct-31-19 16:24		Oct-31-19 17:06		Oct-31-19 17:26	
	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	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0
Diesel Range Organics (DRO)		<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0
Total TPH		<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8	<50.0	50.0

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested		641506-073		641506-074		641506-075		641506-076		641506-077		641506-078	
	Field Id:	Bottom Hole-171		Bottom Hole-172		Bottom Hole-173		Bottom Hole-174		Bottom Hole-175		NWSW (Small)	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-22-19 16:20		Oct-22-19 16:25		Oct-22-19 16:30		Oct-22-19 16:35		Oct-22-19 16:40		Oct-23-19 10:00	
BTEX by EPA 8021B	Extracted:	Oct-31-19 10:30		Oct-31-19 10:30		Oct-31-19 10:30		Oct-31-19 10:30		Oct-31-19 10:30		Oct-31-19 10:30	
	Analyzed:	Nov-01-19 18:14		Nov-01-19 18:34		Nov-01-19 18:55		Nov-01-19 19:15		Nov-01-19 19:35		Nov-01-19 19:55	
	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	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199
Toluene		<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199
Ethylbenzene		<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199
m,p-Xylenes		<0.00401	0.00401	<0.00397	0.00397	<0.00398	0.00398	<0.00398	0.00398	<0.00399	0.00399	<0.00398	0.00398
o-Xylene		<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199
Total Xylenes		<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199
Total BTEX		<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199
Chloride by EPA 300	Extracted:	Oct-30-19 16:15		Oct-30-19 16:15		Oct-30-19 16:15		Oct-30-19 16:15		Oct-30-19 16:15		Oct-30-19 16:15	
	Analyzed:	Oct-30-19 22:35		Oct-30-19 22:40		Oct-30-19 22:45		Oct-30-19 22:50		Oct-30-19 22:55		Oct-30-19 23:01	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		216	5.03	450	5.05	165	5.00	271	4.96	197	5.00	61.3	5.00
TPH By SW8015 Mod	Extracted:	Oct-31-19 11:00		Oct-31-19 11:00		Oct-31-19 11:00		Oct-31-19 11:00		Oct-31-19 11:00		Oct-31-19 11:00	
	Analyzed:	Oct-31-19 17:47		Oct-31-19 18:08		Oct-31-19 18:28		Oct-31-19 18:49		Oct-31-19 19:10		Oct-31-19 19:31	
	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	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0
Diesel Range Organics (DRO)		<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0
Total TPH		<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<50.0	50.0

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested		641506-079		641506-080		641506-081		641506-082		641506-083		641506-084	
	Lab Id:	641506-079		641506-080		641506-081		641506-082		641506-083		641506-084	
	Field Id:	SESW (Small)		NSW-1		WSW-1		WSW-2		WSW-3		WSW-4	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-23-19 10:05		Oct-23-19 10:10		Oct-23-19 10:15		Oct-23-19 10:20		Oct-23-19 10:25		Oct-23-19 10:30	
BTEX by EPA 8021B	*Extracted:*	Oct-31-19 10:30		Oct-31-19 10:30		Oct-31-19 10:45		Oct-31-19 10:45		Oct-31-19 10:45		Oct-31-19 10:45	
	Analyzed:	Nov-01-19 20:15		Nov-01-19 20:35		Nov-01-19 09:55		Nov-01-19 10:15		Nov-01-19 10:35		Nov-01-19 10:55	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
Toluene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
Ethylbenzene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
m,p-Xylenes		<0.00402	0.00402	<0.00397	0.00397	<0.00399	0.00399	<0.00399	0.00399	<0.00400	0.00400	<0.00403	0.00403
o-Xylene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
Total Xylenes		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
Total BTEX		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
Chloride by EPA 300	*Extracted:*	Oct-30-19 16:15		Oct-30-19 16:25		Oct-30-19 16:25		Oct-30-19 16:25		Oct-30-19 16:25		Oct-30-19 16:25	
	Analyzed:	Oct-30-19 23:06		Oct-30-19 20:14		Oct-30-19 20:20		Oct-30-19 19:57		Oct-30-19 20:26		Oct-30-19 20:32	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		<5.04	5.04	3120	25.2	33900	250	93.1	5.00	280	4.96	304	5.04
TPH By SW8015 Mod	*Extracted:*	Oct-31-19 11:00		Oct-31-19 11:00		Oct-31-19 12:00		Oct-31-19 12:00		Oct-31-19 12:00		Oct-31-19 12:00	
	Analyzed:	Oct-31-19 19:52		Oct-31-19 20:13		Oct-31-19 21:58		Oct-31-19 23:02		Oct-31-19 23:23		Oct-31-19 23:44	
	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	<50.0	50.0	<50.0	50.0
Diesel Range Organics (DRO)		<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0
Total TPH		<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	641506-085		641506-086		641506-087		641506-088		641506-089		641506-090	
	Field Id:	WSW-5		SSW-2		SSW-3		ESW-1		NSW-2		ESW-2	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-23-19 10:35		Oct-23-19 10:40		Oct-23-19 10:45		Oct-23-19 10:50		Oct-23-19 10:55		Oct-23-19 11:00	
BTEX by EPA 8021B	***Extracted:***	Oct-31-19 10:45		Oct-31-19 10:45		Oct-31-19 10:45		Oct-31-19 10:45		Oct-31-19 10:45		Oct-31-19 10:45	
	Analyzed:	Nov-01-19 11:16		Nov-01-19 11:36		Nov-01-19 11:56		Nov-01-19 12:16		Nov-01-19 13:55		Nov-01-19 14:15	
	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	<0.00198	0.00198	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199
Toluene		<0.00198	0.00198	<0.00198	0.00198	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199
Ethylbenzene		<0.00198	0.00198	<0.00198	0.00198	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199
m,p-Xylenes		<0.00397	0.00397	<0.00396	0.00396	<0.00403	0.00403	<0.00401	0.00401	<0.00398	0.00398	<0.00398	0.00398
o-Xylene		<0.00198	0.00198	<0.00198	0.00198	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199
Total Xylenes		<0.00198	0.00198	<0.00198	0.00198	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199
Total BTEX		<0.00198	0.00198	<0.00198	0.00198	<0.00202	0.00202	<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199
Chloride by EPA 300	***Extracted:***	Oct-30-19 16:25		Oct-30-19 16:25		Oct-30-19 16:25		Oct-30-19 16:25		Oct-30-19 16:25		Oct-30-19 16:25	
	Analyzed:	Oct-30-19 20:49		Oct-30-19 20:55		Oct-30-19 21:01		Oct-30-19 21:07		Oct-30-19 21:12		Oct-30-19 21:18	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		7370	49.8	511	4.98	150	5.00	46.0	5.00	341	5.02	47.4	4.95
TPH By SW8015 Mod	***Extracted:***	Oct-31-19 12:00		Oct-31-19 12:00		Oct-31-19 12:00		Oct-31-19 12:00		Oct-31-19 12:00		Oct-31-19 12:00	
	Analyzed:	Nov-01-19 00:05		Nov-01-19 00:27		Nov-01-19 00:48		Nov-01-19 01:08		Nov-01-19 01:29		Nov-01-19 01:50	
	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	<50.0	50.0	<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<49.9	49.9	<50.0	50.0	<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0
Total TPH		<49.9	49.9	<50.0	50.0	<49.8	49.8	<49.9	49.9	<49.9	49.9	<50.0	50.0

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	641506-091		641506-092		641506-093		641506-094		641506-095		641506-096	
	Field Id:	ESW-3		NSW-4		ESW-4		SSW-1		ESW-5		ISW-1	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-23-19 11:05		Oct-23-19 11:10		Oct-23-19 11:15		Oct-23-19 11:20		Oct-23-19 11:25		Oct-23-19 11:30	
BTEX by EPA 8021B	***Extracted:***	Oct-31-19 10:45		Oct-31-19 10:45		Oct-31-19 10:45		Oct-31-19 10:45		Oct-31-19 10:45		Oct-31-19 10:45	
	Analyzed:	Nov-01-19 15:34		Nov-01-19 15:54		Nov-01-19 16:14		Nov-01-19 16:35		Nov-01-19 16:55		Nov-01-19 17:15	
	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	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00201	0.00201
Toluene		<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00201	0.00201
Ethylbenzene		<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00201	0.00201
m,p-Xylenes		<0.00398	0.00398	<0.00398	0.00398	<0.00396	0.00396	<0.00399	0.00399	<0.00402	0.00402	<0.00402	0.00402
o-Xylene		<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00201	0.00201
Total Xylenes		<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00201	0.00201
Total BTEX		<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00201	0.00201
Chloride by EPA 300	***Extracted:***	Oct-30-19 16:25		Oct-30-19 16:25		Oct-30-19 16:25		Oct-30-19 16:25		Oct-30-19 16:25		Oct-30-19 16:25	
	Analyzed:	Oct-30-19 21:36		Oct-30-19 21:41		Oct-30-19 21:59		Oct-30-19 22:05		Oct-30-19 22:10		Oct-30-19 22:16	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		175	4.96	124	5.02	1020	4.99	13.5	4.95	38.1	5.05	48.7	5.05
TPH By SW8015 Mod	***Extracted:***	Oct-31-19 12:00		Oct-31-19 12:00		Oct-31-19 12:00		Oct-31-19 12:00		Oct-31-19 12:00		Oct-31-19 12:00	
	Analyzed:	Nov-01-19 02:32		Nov-01-19 02:53		Nov-01-19 03:14		Nov-01-19 03:35		Nov-01-19 03:56		Nov-01-19 04:18	
	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	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		<49.9	49.9	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9
Total TPH		<49.9	49.9	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9

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Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	641506-097		641506-098		641506-099		641506-100		641506-101		641506-102	
	Field Id:	ISW-2		ISW-3		ISW-4		ISW-5		ISW-6		ISW-7	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-23-19 11:35		Oct-23-19 11:40		Oct-23-19 11:45		Oct-23-19 11:50		Oct-23-19 11:55		Oct-23-19 12:00	
BTEX by EPA 8021B	*Extracted:*	Oct-31-19 10:45		Oct-31-19 10:45		Oct-31-19 10:45		Nov-04-19 16:30		Oct-30-19 18:00		Oct-30-19 18:00	
	Analyzed:	Nov-01-19 17:35		Nov-01-19 17:55		Nov-01-19 18:15		Nov-04-19 21:34		Oct-31-19 10:19		Oct-31-19 10:39	
	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	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200
Toluene		<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200
Ethylbenzene		<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200
m,p-Xylenes		<0.00399	0.00399	<0.00398	0.00398	<0.00398	0.00398	<0.00399	0.00399	<0.00398	0.00398	<0.00400	0.00400
o-Xylene		<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200
Total Xylenes		<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200
Total BTEX		<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200
Chloride by EPA 300	*Extracted:*	Oct-30-19 16:25		Oct-30-19 16:25		Oct-30-19 16:25		Oct-30-19 16:35		Oct-30-19 16:35		Oct-30-19 16:35	
	Analyzed:	Oct-30-19 22:22		Oct-30-19 22:28		Oct-30-19 22:34		Oct-30-19 19:14		Oct-30-19 19:34		Oct-30-19 19:40	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		32.1	5.00	171	5.00	89.1	5.00	351	5.00	75.4	5.05	25.3	4.99
TPH By SW8015 Mod	*Extracted:*	Oct-31-19 12:00		Oct-31-19 12:00		Oct-31-19 12:00		Oct-31-19 12:00		Oct-31-19 10:00		Oct-31-19 10:00	
	Analyzed:	Nov-01-19 04:38		Nov-01-19 04:59		Nov-01-19 05:20		Nov-01-19 05:41		Oct-31-19 17:51		Oct-31-19 18:09	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.8	49.8
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.8	49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.8	49.8
Total TPH		<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.8	49.8

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Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Certificate of Analysis Summary 641506

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co.NM

Date Received in Lab: Wed Oct-30-19 11:45 am
Report Date: 05-NOV-19
Project Manager: Jessica Kramer

Analysis Requested											
	Lab Id:	641506-103		641506-104		641506-105		641506-106		641506-107	
	Field Id:	NSW-4		NSW-5		WSW-6		NSW-6		ESW-6	
	Depth:										
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-23-19 12:00		Oct-23-19 12:05		Oct-23-19 12:10		Oct-23-19 12:15		Oct-23-19 12:20	
BTEX by EPA 8021B	*Extracted:*	Oct-30-19 18:00		Oct-30-19 18:00		Oct-30-19 18:00		Oct-30-19 18:00		Oct-30-19 18:00	
	Analyzed:	Oct-31-19 10:59		Oct-31-19 11:19		Oct-31-19 14:17		Oct-31-19 14:37		Oct-31-19 14:57	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
Toluene		<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
Ethylbenzene		<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
m,p-Xylenes		<0.00403	0.00403	<0.00398	0.00398	<0.00398	0.00398	<0.00401	0.00401	<0.00402	0.00402
o-Xylene		<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
Total Xylenes		<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
Total BTEX		<0.00202	0.00202	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00201	0.00201
Chloride by EPA 300	*Extracted:*	Oct-30-19 16:35		Oct-30-19 16:35		Oct-30-19 16:35		Oct-30-19 16:35		Oct-30-19 16:35	
	Analyzed:	Oct-30-19 19:47		Oct-30-19 19:54		Oct-30-19 20:14		Oct-30-19 20:20		Oct-30-19 20:27	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		391	4.96	185	4.96	5.89	4.95	8.23	4.95	<4.95	4.95
TPH By SW8015 Mod	*Extracted:*	Oct-31-19 10:00		Oct-31-19 10:00		Oct-31-19 10:00		Oct-31-19 10:00		Oct-31-19 10:00	
	Analyzed:	Oct-31-19 18:28		Oct-31-19 18:47		Oct-31-19 19:06		Oct-31-19 19:25		Oct-31-19 19:44	
	Units/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	<49.9	49.9	<49.9	49.9
Diesel Range Organics (DRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.9	49.9
Total TPH		<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.9	49.9

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

Version: 1.%

Jessica Kramer
Project Assistant

Final 1.000

Analytical Report 641506

for

Tetra Tech- Midland

Project Manager: Clair Gonzales

EOG Neptune 202

212C-MD-01841

05-NOV-19

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (19-037-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

05-NOV-19

Project Manager: **Clair Gonzales**
Tetra Tech- Midland
901 West Wall ST
Midland, TX 79701

Reference: XENCO Report No(s): **641506**
EOG Neptune 202
Project Address: Lea Co.NM

Clair Gonzales:

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 XENCO Report Number(s) 641506. 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 XENCO Laboratories. 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. 641506 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 XENCO Laboratories 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 Assistant

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Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America

Sample Cross Reference 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Bottom Hole-99	S	10-22-19 17:10		641506-001
Bottom Hole-100	S	10-22-19 17:15		641506-002
Bottom Hole-101	S	10-22-19 17:20		641506-003
Bottom Hole-102	S	10-22-19 17:25		641506-004
Bottom Hole-103	S	10-22-19 17:30		641506-005
Bottom Hole-104	S	10-22-19 17:35		641506-006
Bottom Hole-105	S	10-22-19 17:40		641506-007
Bottom Hole-106	S	10-22-19 17:45		641506-008
Bottom Hole-107	S	10-22-19 17:50		641506-009
Bottom Hole-108	S	10-22-19 17:55		641506-010
Bottom Hole-109	S	10-22-19 18:00		641506-011
Bottom Hole-110	S	10-22-19 18:05		641506-012
Bottom Hole-111	S	10-22-19 18:10		641506-013
Bottom Hole-112	S	10-22-19 18:15		641506-014
Bottom Hole-113	S	10-22-19 18:20		641506-015
Bottom Hole-114	S	10-22-19 18:25		641506-016
Bottom Hole-115	S	10-22-19 18:30		641506-017
Bottom Hole-116	S	10-22-19 18:35		641506-018
Bottom Hole-117	S	10-22-19 18:40		641506-019
Bottom Hole-118	S	10-22-19 18:45		641506-020
Bottom Hole-119	S	10-22-19 18:50		641506-021
Bottom Hole-120	S	10-22-19 18:55		641506-022
Bottom Hole-121	S	10-22-19 19:00		641506-023
Bottom Hole-122	S	10-22-19 19:05		641506-024
Bottom Hole-123	S	10-22-19 19:10		641506-025
Bottom Hole-124	S	10-22-19 19:15		641506-026
Bottom Hole-125	S	10-22-19 19:20		641506-027
Bottom Hole-126	S	10-22-19 19:25		641506-028
Bottom Hole-127	S	10-22-19 19:30		641506-029
Bottom Hole-128	S	10-22-19 19:35		641506-030
Bottom Hole-129	S	10-22-19 19:40		641506-031
Bottom Hole-130	S	10-22-19 19:45		641506-032
Bottom Hole-131	S	10-22-19 19:50		641506-033
Bottom Hole-132	S	10-22-19 19:55		641506-034
Bottom Hole-133	S	10-22-19 20:00		641506-035
Bottom Hole-134	S	10-22-19 20:05		641506-036
Bottom Hole-135	S	10-22-19 20:10		641506-037
Bottom Hole-136	S	10-22-19 20:15		641506-038
Bottom Hole-137	S	10-22-19 20:20		641506-039
Bottom Hole-138	S	10-22-19 20:25		641506-040
Bottom Hole-139	S	10-22-19 20:30		641506-041
Bottom Hole-140	S	10-22-19 20:35		641506-042
Bottom Hole-141	S	10-22-19 20:40		641506-043

Version: 1.%

Sample Cross Reference 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Bottom Hole-142	S	10-22-19 20:45	641506-044
Bottom Hole-143	S	10-22-19 20:50	641506-045
Bottom Hole-144	S	10-22-19 20:55	641506-046
Bottom Hole-145	S	10-22-19 21:00	641506-047
Bottom Hole-146	S	10-22-19 21:05	641506-048
Bottom Hole-147	S	10-22-19 21:10	641506-049
Bottom Hole-148	S	10-22-19 21:15	641506-050
Bottom Hole-149	S	10-22-19 21:20	641506-051
Bottom Hole-150	S	10-22-19 21:25	641506-052
Bottom Hole-151	S	10-24-19 16:00	641506-053
Bottom Hole-152	S	10-24-19 16:05	641506-054
Bottom Hole-153	S	10-24-19 16:10	641506-055
Bottom Hole-154	S	10-24-19 16:15	641506-056
Bottom Hole-155	S	10-22-19 21:30	641506-057
Bottom Hole-156	S	10-22-19 21:35	641506-058
Bottom Hole-157	S	10-22-19 21:40	641506-059
Bottom Hole-158	S	10-22-19 21:45	641506-060
Bottom Hole-159	S	10-22-19 21:50	641506-061
Bottom Hole-160	S	10-22-19 21:55	641506-062
Bottom Hole-161	S	10-22-19 22:00	641506-063
Bottom Hole-162	S	10-22-19 22:05	641506-064
Bottom Hole-163	S	10-22-19 22:10	641506-065
Bottom Hole-164	S	10-22-19 22:15	641506-066
Bottom Hole-165	S	10-22-19 22:20	641506-067
Bottom Hole-166	S	10-22-19 22:25	641506-068
Bottom Hole-167	S	10-22-19 22:30	641506-069
Bottom Hole-168	S	10-22-19 22:35	641506-070
Bottom Hole-169	S	10-22-19 22:40	641506-071
Bottom Hole-170	S	10-22-19 22:45	641506-072
Bottom Hole-171	S	10-22-19 16:20	641506-073
Bottom Hole-172	S	10-22-19 16:25	641506-074
Bottom Hole-173	S	10-22-19 16:30	641506-075
Bottom Hole-174	S	10-22-19 16:35	641506-076
Bottom Hole-175	S	10-22-19 16:40	641506-077
NWSW (Small)	S	10-23-19 10:00	641506-078
SESW (Small)	S	10-23-19 10:05	641506-079
NSW-1	S	10-23-19 10:10	641506-080
WSW-1	S	10-23-19 10:15	641506-081
WSW-2	S	10-23-19 10:20	641506-082
WSW-3	S	10-23-19 10:25	641506-083
WSW-4	S	10-23-19 10:30	641506-084
WSW-5	S	10-23-19 10:35	641506-085
SSW-2	S	10-23-19 10:40	641506-086
SSW-3	S	10-23-19 10:45	641506-087

Sample Cross Reference 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

ESW-1	S	10-23-19 10:50	641506-088
NSW-2	S	10-23-19 10:55	641506-089
ESW-2	S	10-23-19 11:00	641506-090
ESW-3	S	10-23-19 11:05	641506-091
NSW-4	S	10-23-19 11:10	641506-092
ESW-4	S	10-23-19 11:15	641506-093
SSW-1	S	10-23-19 11:20	641506-094
ESW-5	S	10-23-19 11:25	641506-095
ISW-1	S	10-23-19 11:30	641506-096
ISW-2	S	10-23-19 11:35	641506-097
ISW-3	S	10-23-19 11:40	641506-098
ISW-4	S	10-23-19 11:45	641506-099
ISW-5	S	10-23-19 11:50	641506-100
ISW-6	S	10-23-19 11:55	641506-101
ISW-7	S	10-23-19 12:00	641506-102
NSW-4	S	10-23-19 12:00	641506-103
NSW-5	S	10-23-19 12:05	641506-104
WSW-6	S	10-23-19 12:10	641506-105
NSW-6	S	10-23-19 12:15	641506-106
ESW-6	S	10-23-19 12:20	641506-107

CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: EOG Neptune 202

Project ID: *212C-MD-01841*
Work Order Number(s): *641506*

Report Date: *05-NOV-19*
Date Received: *10/30/2019*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3105968 Chloride by EPA 300
Lab Sample ID 641506-010 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered below QC limits in the Matrix Spike. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 641506-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019.
The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3105976 Chloride by EPA 300
Lab Sample ID 641506-090 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 641506-080, -081, -082, -083, -084, -085, -086, -087, -088, -089, -090, -091, -092, -093, -094, -095, -096, -097, -098, -099.
The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3105992 Inorganic Anions by EPA 300
Lab Sample ID 641506-100 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 641506-100, -101, -102, -103, -104, -105, -106, -107.
The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3106021 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

CASE NARRATIVE

Client Name: Tetra Tech- Midland
Project Name: EOG Neptune 202

Project ID: *212C-MD-01841*
Work Order Number(s): *641506*

Report Date: *05-NOV-19*
Date Received: *10/30/2019*

Batch: LBA-3106132 BTEX by EPA 8021B
Surrogate 4-Bromofluorobenzene recovered below QC limits Data confirmed by re-analysis. Samples affected are: 7689281-1-BSD.

Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Blank Spike Duplicate. Samples in the analytical batch are: 641506-021, -022, -023, -024, -025, -026, -027, -028, -029, -030, -031, -032, -033, -034, -035, -036, -037, -038, -039, -040.

Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene RPD was outside laboratory control limits.
Samples in the analytical batch are: 641506-021, -022, -023, -024, -025, -026, -027, -028, -029, -030, -031, -032, -033, -034, -035, -036, -037, -038, -039, -040

Recovery was confirmed in MS/MSD samples.
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3106133 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3106185 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3106274 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.
Surrogate 1,4-Difluorobenzene recovered below QC limits. Matrix interferences is suspected
Samples affected are: 641506-071.

Batch: LBA-3106320 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.
Lab Sample ID 641506-081 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. m,p-Xylenes recovered below QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 641506-081, -082, -083, -084, -085, -086, -087, -088, -089, -090, -091, -092, -093, -094, -095, -096, -097, -098, -099.
The Laboratory Control Sample for m,p-Xylenes, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: EOG Neptune 202

Project ID: *212C-MD-01841*
Work Order Number(s): *641506*

Report Date: *05-NOV-19*
Date Received: *10/30/2019*

Batch: LBA-3106455 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.
Surrogate 4-Bromofluorobenzene recovered below QC limits. Matrix interferences is suspected.
Samples affected are: 641506-100.

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-99** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-001 Date Collected: 10.22.19 17.10

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**14.2**	4.99	mg/kg	10.30.19 15.34		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.30.19 22.27	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.30.19 22.27	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.30.19 22.27	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.30.19 22.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-135	10.30.19 22.27	
o-Terphenyl	84-15-1	83	%	70-135	10.30.19 22.27	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-99**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-001	Date Collected:	10.22.19 17.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.31.19 00.08	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.31.19 00.08	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.31.19 00.08	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.31.19 00.08	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.31.19 00.08	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.31.19 00.08	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.31.19 00.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.31.19 00.08	
4-Bromofluorobenzene	460-00-4	96	%	70-130	10.31.19 00.08	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-100** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-002 Date Collected: 10.22.19 17.15

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.03	5.03	mg/kg	10.30.19 15.41	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.30.19 23.24	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.30.19 23.24	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.30.19 23.24	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.30.19 23.24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-135	10.30.19 23.24	
o-Terphenyl	84-15-1	82	%	70-135	10.30.19 23.24	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-100**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-002	Date Collected:	10.22.19 17.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.31.19 00.28	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.31.19 00.28	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.31.19 00.28	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.31.19 00.28	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.31.19 00.28	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.31.19 00.28	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.31.19 00.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.31.19 00.28	
4-Bromofluorobenzene	460-00-4	101	%	70-130	10.31.19 00.28	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-101** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-003 Date Collected: 10.22.19 17.20

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**24.6**	4.98	mg/kg	10.30.19 15.48		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.30.19 23.43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.30.19 23.43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.30.19 23.43	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.30.19 23.43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-135	10.30.19 23.43	
o-Terphenyl	84-15-1	82	%	70-135	10.30.19 23.43	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-101**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-003	Date Collected:	10.22.19 17.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.31.19 00.48	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.31.19 00.48	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.31.19 00.48	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.31.19 00.48	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.31.19 00.48	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.31.19 00.48	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.31.19 00.48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.31.19 00.48	
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.31.19 00.48	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-102** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-004 Date Collected: 10.22.19 17.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**145**	5.00	mg/kg	10.30.19 15.54		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.30.19 00.02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.30.19 00.02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.30.19 00.02	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.30.19 00.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	10.30.19 00.02	
o-Terphenyl	84-15-1	81	%	70-135	10.30.19 00.02	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-102**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-004	Date Collected:	10.22.19 17.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.31.19 01.08	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.31.19 01.08	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.31.19 01.08	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.31.19 01.08	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.31.19 01.08	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.31.19 01.08	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.31.19 01.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	123	%	70-130	10.31.19 01.08	
1,4-Difluorobenzene	540-36-3	79	%	70-130	10.31.19 01.08	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-103** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-005 Date Collected: 10.22.19 17.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**57.9**	5.00	mg/kg	10.30.19 16.14		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.30.19 00.21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.30.19 00.21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.30.19 00.21	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.30.19 00.21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-135	10.30.19 00.21	
o-Terphenyl	84-15-1	81	%	70-135	10.30.19 00.21	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-103**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-005	Date Collected:	10.22.19 17.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.31.19 01.29	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.31.19 01.29	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.31.19 01.29	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.31.19 01.29	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.31.19 01.29	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.31.19 01.29	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.31.19 01.29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	108	%	70-130	10.31.19 01.29	
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.31.19 01.29	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-104** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-006 Date Collected: 10.22.19 17.35

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**47.4**	5.00	mg/kg	10.30.19 16.21		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.30.19 00.40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.30.19 00.40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.30.19 00.40	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.30.19 00.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	10.30.19 00.40	
o-Terphenyl	84-15-1	83	%	70-135	10.30.19 00.40	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-104**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-006	Date Collected:	10.22.19 17.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.31.19 01.49	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.31.19 01.49	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.31.19 01.49	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.31.19 01.49	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.31.19 01.49	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.31.19 01.49	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.31.19 01.49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	93	%	70-130	10.31.19 01.49	
4-Bromofluorobenzene	460-00-4	100	%	70-130	10.31.19 01.49	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-105** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-007 Date Collected: 10.22.19 17.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**19.3**	5.05	mg/kg	10.30.19 16.28		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.30.19 00.59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.30.19 00.59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.30.19 00.59	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.30.19 00.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-135	10.30.19 00.59	
o-Terphenyl	84-15-1	88	%	70-135	10.30.19 00.59	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-105**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-007	Date Collected:	10.22.19 17.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.31.19 02.09	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.31.19 02.09	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.31.19 02.09	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.31.19 02.09	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.31.19 02.09	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.31.19 02.09	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.31.19 02.09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	10.31.19 02.09	
1,4-Difluorobenzene	540-36-3	93	%	70-130	10.31.19 02.09	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-106** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-008 Date Collected: 10.22.19 17.45

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**6.81**	5.05	mg/kg	10.30.19 16.34		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 01.18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 01.18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 01.18	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 01.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	10.31.19 01.18	
o-Terphenyl	84-15-1	83	%	70-135	10.31.19 01.18	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-106**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-008	Date Collected:	10.22.19 17.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.31.19 02.29	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.31.19 02.29	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.31.19 02.29	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.31.19 02.29	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.31.19 02.29	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.31.19 02.29	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.31.19 02.29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.31.19 02.29	
4-Bromofluorobenzene	460-00-4	102	%	70-130	10.31.19 02.29	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-107** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-009 Date Collected: 10.22.19 17.50

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**43.6**	24.9	mg/kg	10.30.19 16.41		5

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 01.37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 01.37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 01.37	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 01.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	10.31.19 01.37	
o-Terphenyl	84-15-1	83	%	70-135	10.31.19 01.37	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-107**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-009	Date Collected:	10.22.19 17.50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.31.19 02.49	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.31.19 02.49	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.31.19 02.49	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.31.19 02.49	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.31.19 02.49	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.31.19 02.49	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.31.19 02.49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	70-130	10.31.19 02.49	
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.31.19 02.49	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-108** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-010 Date Collected: 10.22.19 17.55

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**725**	4.96	mg/kg	10.30.19 16.48		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 01.56	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 01.56	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 01.56	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 01.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-135	10.31.19 01.56	
o-Terphenyl	84-15-1	81	%	70-135	10.31.19 01.56	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-108**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-010	Date Collected:	10.22.19 17.55		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.31.19 03.09	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.31.19 03.09	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.31.19 03.09	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.31.19 03.09	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.31.19 03.09	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.31.19 03.09	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.31.19 03.09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	109	%	70-130	10.31.19 03.09	
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.31.19 03.09	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-109** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-011 Date Collected: 10.22.19 18.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**126**	4.95	mg/kg	10.30.19 17.08		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 02.34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 02.34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 02.34	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 02.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	10.31.19 02.34	
o-Terphenyl	84-15-1	82	%	70-135	10.31.19 02.34	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-109**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-011	Date Collected:	10.22.19 18.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.31.19 04.27	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.31.19 04.27	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.31.19 04.27	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.31.19 04.27	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.31.19 04.27	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.31.19 04.27	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.31.19 04.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	97	%	70-130	10.31.19 04.27	
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.31.19 04.27	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-110** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-012 Date Collected: 10.22.19 18.05

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**91.1**	4.98	mg/kg	10.30.19 17.14		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 02.53	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 02.53	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 02.53	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 02.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-135	10.31.19 02.53	
o-Terphenyl	84-15-1	83	%	70-135	10.31.19 02.53	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-110**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-012	Date Collected:	10.22.19 18.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.31.19 04.48	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.31.19 04.48	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.31.19 04.48	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	10.31.19 04.48	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.31.19 04.48	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.31.19 04.48	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.31.19 04.48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	10.31.19 04.48	
1,4-Difluorobenzene	540-36-3	100	%	70-130	10.31.19 04.48	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-111** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-013 Date Collected: 10.22.19 18.10

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**25.1**	5.03	mg/kg	10.30.19 17.34		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 03.12	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 03.12	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 03.12	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 03.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-135	10.31.19 03.12	
o-Terphenyl	84-15-1	83	%	70-135	10.31.19 03.12	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-111**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-013	Date Collected:	10.22.19 18.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.31.19 05.08	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.31.19 05.08	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.31.19 05.08	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.31.19 05.08	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.31.19 05.08	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.31.19 05.08	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.31.19 05.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.31.19 05.08	
4-Bromofluorobenzene	460-00-4	104	%	70-130	10.31.19 05.08	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-112** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-014 Date Collected: 10.22.19 18.15

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**12.6**	4.99	mg/kg	10.30.19 17.41		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.31.19 03.31	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.31.19 03.31	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.31.19 03.31	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.31.19 03.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	10.31.19 03.31	
o-Terphenyl	84-15-1	83	%	70-135	10.31.19 03.31	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-112**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-014	Date Collected:	10.22.19 18.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.31.19 05.28	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.31.19 05.28	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.31.19 05.28	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.31.19 05.28	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.31.19 05.28	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.31.19 05.28	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.31.19 05.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.31.19 05.28	
4-Bromofluorobenzene	460-00-4	102	%	70-130	10.31.19 05.28	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-113** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-015 Date Collected: 10.22.19 18.20

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**23.9**	5.00	mg/kg	10.30.19 17.47		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 03.50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 03.50	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 03.50	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 03.50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-135	10.31.19 03.50	
o-Terphenyl	84-15-1	82	%	70-135	10.31.19 03.50	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-113**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-015	Date Collected:	10.22.19 18.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.31.19 05.48	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.31.19 05.48	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.31.19 05.48	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.31.19 05.48	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.31.19 05.48	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.31.19 05.48	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.31.19 05.48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.31.19 05.48	
4-Bromofluorobenzene	460-00-4	103	%	70-130	10.31.19 05.48	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-114** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-016 Date Collected: 10.22.19 18.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**137**	5.04	mg/kg	10.30.19 17.54		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 04.09	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 04.09	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 04.09	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 04.09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-135	10.31.19 04.09	
o-Terphenyl	84-15-1	83	%	70-135	10.31.19 04.09	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-114**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-016	Date Collected:	10.22.19 18.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.31.19 06.08	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.31.19 06.08	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.31.19 06.08	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.31.19 06.08	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.31.19 06.08	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.31.19 06.08	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.31.19 06.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	10.31.19 06.08	
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.31.19 06.08	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-115** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-017 Date Collected: 10.22.19 18.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**67.2**	5.00	mg/kg	10.30.19 18.01		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 04.28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 04.28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 04.28	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 04.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	10.31.19 04.28	
o-Terphenyl	84-15-1	82	%	70-135	10.31.19 04.28	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-115**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-017	Date Collected:	10.22.19 18.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.31.19 06.28	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.31.19 06.28	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.31.19 06.28	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.31.19 06.28	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.31.19 06.28	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.31.19 06.28	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.31.19 06.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.31.19 06.28	
4-Bromofluorobenzene	460-00-4	103	%	70-130	10.31.19 06.28	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-116** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-018 Date Collected: 10.22.19 18.35

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**89.8**	5.00	mg/kg	10.30.19 18.07		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 04.47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 04.47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 04.47	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 04.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-135	10.31.19 04.47	
o-Terphenyl	84-15-1	82	%	70-135	10.31.19 04.47	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-116**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-018	Date Collected:	10.22.19 18.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.31.19 06.48	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.31.19 06.48	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.31.19 06.48	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.31.19 06.48	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.31.19 06.48	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.31.19 06.48	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.31.19 06.48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	10.31.19 06.48	
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.31.19 06.48	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-117** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-019 Date Collected: 10.22.19 18.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 14.45 Basis: Wet Weight

Seq Number: 3105968

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**220**	5.00	mg/kg	10.30.19 18.14		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.31.19 05.07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.31.19 05.07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.31.19 05.07	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.31.19 05.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	81	%	70-135	10.31.19 05.07	
o-Terphenyl	84-15-1	85	%	70-135	10.31.19 05.07	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-117**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-019	Date Collected:	10.22.19 18.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.31.19 07.08	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.31.19 07.08	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.31.19 07.08	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.31.19 07.08	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.31.19 07.08	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.31.19 07.08	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.31.19 07.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	117	%	70-130	10.31.19 07.08	
1,4-Difluorobenzene	540-36-3	75	%	70-130	10.31.19 07.08	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-118** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-020 Date Collected: 10.22.19 18.45

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**49.7**	5.00	mg/kg	10.30.19 16.45		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105994

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 05.26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 05.26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 05.26	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 05.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-135	10.31.19 05.26	
o-Terphenyl	84-15-1	81	%	70-135	10.31.19 05.26	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-118**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-020	Date Collected:	10.22.19 18.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 15.00	Basis:	Wet Weight
Seq Number:	3106021				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.31.19 07.28	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.31.19 07.28	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.31.19 07.28	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.31.19 07.28	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.31.19 07.28	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.31.19 07.28	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.31.19 07.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	10.31.19 07.28	
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.31.19 07.28	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-119** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-021 Date Collected: 10.22.19 18.50

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**27.6**	4.95	mg/kg	10.30.19 17.02		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.30.19 22.30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.30.19 22.30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.30.19 22.30	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.30.19 22.30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-135	10.30.19 22.30	
o-Terphenyl	84-15-1	78	%	70-135	10.30.19 22.30	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-119**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-021	Date Collected:	10.22.19 18.50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.31.19 10.47	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.31.19 10.47	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.31.19 10.47	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.31.19 10.47	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.31.19 10.47	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.31.19 10.47	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.31.19 10.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.31.19 10.47	
4-Bromofluorobenzene	460-00-4	101	%	70-130	10.31.19 10.47	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-120** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-022 Date Collected: 10.22.19 18.55

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**196**	24.9	mg/kg	10.30.19 17.08		5

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.30.19 23.32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.30.19 23.32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.30.19 23.32	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.30.19 23.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	81	%	70-135	10.30.19 23.32	
o-Terphenyl	84-15-1	81	%	70-135	10.30.19 23.32	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-120**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-022	Date Collected:	10.22.19 18.55		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.31.19 11.07	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.31.19 11.07	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.31.19 11.07	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.31.19 11.07	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.31.19 11.07	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.31.19 11.07	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.31.19 11.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.31.19 11.07	
4-Bromofluorobenzene	460-00-4	110	%	70-130	10.31.19 11.07	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-121** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-023 Date Collected: 10.22.19 19.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**6710**	49.7	mg/kg	10.30.19 17.14		10

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.30.19 23.52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.30.19 23.52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.30.19 23.52	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.30.19 23.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.30.19 23.52	
o-Terphenyl	84-15-1	90	%	70-135	10.30.19 23.52	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-121**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-023	Date Collected:	10.22.19 19.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.31.19 11.27	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.31.19 11.27	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.31.19 11.27	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.31.19 11.27	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.31.19 11.27	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.31.19 11.27	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.31.19 11.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.31.19 11.27	
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.31.19 11.27	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-122** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-024 Date Collected: 10.22.19 19.05

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**58.9**	5.02	mg/kg	10.30.19 17.20		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 00.13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 00.13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 00.13	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 00.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	10.31.19 00.13	
o-Terphenyl	84-15-1	80	%	70-135	10.31.19 00.13	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-122**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-024	Date Collected:	10.22.19 19.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.31.19 11.47	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.31.19 11.47	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.31.19 11.47	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.31.19 11.47	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.31.19 11.47	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.31.19 11.47	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.31.19 11.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	10.31.19 11.47	
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.31.19 11.47	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-123**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-025	Date Collected:	10.22.19 19.10		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.30.19 15.10	Basis:	Wet Weight
Seq Number:	3105970				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**57.5**	5.00	mg/kg	10.30.19 17.37		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.30.19 17.00	Basis:	Wet Weight
Seq Number:	3105998				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 00.34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 00.34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 00.34	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 00.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	76	%	70-135	10.31.19 00.34	
o-Terphenyl	84-15-1	76	%	70-135	10.31.19 00.34	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-123**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-025	Date Collected:	10.22.19 19.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.31.19 12.07	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.31.19 12.07	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.31.19 12.07	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	10.31.19 12.07	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.31.19 12.07	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.31.19 12.07	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.31.19 12.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	10.31.19 12.07	
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.31.19 12.07	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-124** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-026 Date Collected: 10.22.19 19.15

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**153**	4.99	mg/kg	10.30.19 17.43		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 00.55	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 00.55	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 00.55	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 00.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	74	%	70-135	10.31.19 00.55	
o-Terphenyl	84-15-1	73	%	70-135	10.31.19 00.55	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-124**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-026	Date Collected:	10.22.19 19.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.31.19 12.27	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.31.19 12.27	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.31.19 12.27	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.31.19 12.27	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.31.19 12.27	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.31.19 12.27	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.31.19 12.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.31.19 12.27	
4-Bromofluorobenzene	460-00-4	105	%	70-130	10.31.19 12.27	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-125** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-027 Date Collected: 10.22.19 19.20

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**23.9**	5.03	mg/kg	10.30.19 17.49		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.31.19 01.17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.31.19 01.17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.31.19 01.17	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.31.19 01.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-135	10.31.19 01.17	
o-Terphenyl	84-15-1	75	%	70-135	10.31.19 01.17	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-125**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-027	Date Collected:	10.22.19 19.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.31.19 12.47	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.31.19 12.47	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.31.19 12.47	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.31.19 12.47	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.31.19 12.47	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.31.19 12.47	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.31.19 12.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.31.19 12.47	
4-Bromofluorobenzene	460-00-4	103	%	70-130	10.31.19 12.47	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-126** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-028 Date Collected: 10.22.19 19.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**63.6**	4.98	mg/kg	10.30.19 17.55		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 01.38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 01.38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 01.38	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 01.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-135	10.31.19 01.38	
o-Terphenyl	84-15-1	76	%	70-135	10.31.19 01.38	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-126**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-028	Date Collected:	10.22.19 19.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.31.19 13.07	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.31.19 13.07	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.31.19 13.07	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.31.19 13.07	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.31.19 13.07	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.31.19 13.07	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.31.19 13.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	87	%	70-130	10.31.19 13.07	
4-Bromofluorobenzene	460-00-4	112	%	70-130	10.31.19 13.07	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-127** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-029 Date Collected: 10.22.19 19.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1120**	4.96	mg/kg	10.30.19 18.00		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 01.59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 01.59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 01.59	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 01.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-135	10.31.19 01.59	
o-Terphenyl	84-15-1	76	%	70-135	10.31.19 01.59	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-127**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-029	Date Collected:	10.22.19 19.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.31.19 13.28	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.31.19 13.28	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.31.19 13.28	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.31.19 13.28	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.31.19 13.28	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.31.19 13.28	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.31.19 13.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.31.19 13.28	
4-Bromofluorobenzene	460-00-4	102	%	70-130	10.31.19 13.28	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-128** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-030 Date Collected: 10.22.19 19.35

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**473**	4.95	mg/kg	10.30.19 18.06		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 02.19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 02.19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 02.19	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 02.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-135	10.31.19 02.19	
o-Terphenyl	84-15-1	72	%	70-135	10.31.19 02.19	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-128**
Lab Sample Id: 641506-030

Matrix: Soil
Date Collected: 10.22.19 19.35

Date Received:10.30.19 11.45

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3106132

Date Prep: 10.30.19 16.00

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.31.19 13.48	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.31.19 13.48	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.31.19 13.48	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.31.19 13.48	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.31.19 13.48	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.31.19 13.48	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.31.19 13.48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.31.19 13.48	
4-Bromofluorobenzene	460-00-4	103	%	70-130	10.31.19 13.48	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-129** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-031 Date Collected: 10.22.19 19.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**69.2**	5.02	mg/kg	10.30.19 18.24		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 03.01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 03.01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 03.01	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 03.01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	76	%	70-135	10.31.19 03.01	
o-Terphenyl	84-15-1	75	%	70-135	10.31.19 03.01	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-129**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-031	Date Collected:	10.22.19 19.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.31.19 15.06	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.31.19 15.06	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.31.19 15.06	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.31.19 15.06	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.31.19 15.06	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.31.19 15.06	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.31.19 15.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	98	%	70-130	10.31.19 15.06	
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.31.19 15.06	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-130** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-032 Date Collected: 10.22.19 19.45

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**110**	4.99	mg/kg	10.30.19 18.29		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 03.22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 03.22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 03.22	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 03.22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	76	%	70-135	10.31.19 03.22	
o-Terphenyl	84-15-1	75	%	70-135	10.31.19 03.22	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-130**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-032	Date Collected:	10.22.19 19.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.31.19 15.26	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.31.19 15.26	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.31.19 15.26	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.31.19 15.26	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.31.19 15.26	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.31.19 15.26	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.31.19 15.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.31.19 15.26	
4-Bromofluorobenzene	460-00-4	107	%	70-130	10.31.19 15.26	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-131** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-033 Date Collected: 10.22.19 19.50

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**180**	5.05	mg/kg	10.30.19 18.47		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 03.43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 03.43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 03.43	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 03.43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	73	%	70-135	10.31.19 03.43	
o-Terphenyl	84-15-1	74	%	70-135	10.31.19 03.43	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-131**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-033	Date Collected:	10.22.19 19.50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.31.19 15.46	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.31.19 15.46	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.31.19 15.46	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.31.19 15.46	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.31.19 15.46	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.31.19 15.46	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.31.19 15.46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.31.19 15.46	
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.31.19 15.46	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-132** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-034 Date Collected: 10.22.19 19.55

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**19.1**	5.02	mg/kg	10.30.19 18.53		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 04.04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 04.04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 04.04	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 04.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-135	10.31.19 04.04	
o-Terphenyl	84-15-1	85	%	70-135	10.31.19 04.04	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-132**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-034	Date Collected:	10.22.19 19.55		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.31.19 16.06	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.31.19 16.06	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.31.19 16.06	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.31.19 16.06	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.31.19 16.06	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.31.19 16.06	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.31.19 16.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	100	%	70-130	10.31.19 16.06	
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.31.19 16.06	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-133** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-035 Date Collected: 10.22.19 20.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.03	5.03	mg/kg	10.30.19 18.58	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 04.25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 04.25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 04.25	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 04.25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	76	%	70-135	10.31.19 04.25	
o-Terphenyl	84-15-1	77	%	70-135	10.31.19 04.25	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-133**
Lab Sample Id: 641506-035

Matrix: Soil
Date Collected: 10.22.19 20.00

Date Received:10.30.19 11.45

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3106132

Date Prep: 10.30.19 16.00

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.31.19 16.27	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.31.19 16.27	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.31.19 16.27	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.31.19 16.27	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.31.19 16.27	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.31.19 16.27	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.31.19 16.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.31.19 16.27	
4-Bromofluorobenzene	460-00-4	98	%	70-130	10.31.19 16.27	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-134** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-036 Date Collected: 10.22.19 20.05

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**11.3**	5.00	mg/kg	10.30.19 19.04		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 04.47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 04.47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 04.47	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 04.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	76	%	70-135	10.31.19 04.47	
o-Terphenyl	84-15-1	73	%	70-135	10.31.19 04.47	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-134**
Lab Sample Id: 641506-036

Matrix: Soil
Date Collected: 10.22.19 20.05

Date Received:10.30.19 11.45

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3106132

Date Prep: 10.30.19 16.00

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.31.19 16.47	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.31.19 16.47	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.31.19 16.47	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.31.19 16.47	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.31.19 16.47	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.31.19 16.47	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.31.19 16.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	113	%	70-130	10.31.19 16.47	
1,4-Difluorobenzene	540-36-3	74	%	70-130	10.31.19 16.47	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-135** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-037 Date Collected: 10.22.19 20.10

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**78.6**	4.96	mg/kg	10.30.19 19.10		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 05.08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 05.08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 05.08	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 05.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	10.31.19 05.08	
o-Terphenyl	84-15-1	88	%	70-135	10.31.19 05.08	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-135**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-037	Date Collected:	10.22.19 20.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.31.19 17.07	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.31.19 17.07	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.31.19 17.07	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.31.19 17.07	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.31.19 17.07	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.31.19 17.07	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.31.19 17.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.31.19 17.07	
4-Bromofluorobenzene	460-00-4	108	%	70-130	10.31.19 17.07	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-136** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-038 Date Collected: 10.22.19 20.15

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**642**	5.04	mg/kg	10.30.19 19.16		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 05.28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 05.28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 05.28	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 05.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	72	%	70-135	10.31.19 05.28	
o-Terphenyl	84-15-1	71	%	70-135	10.31.19 05.28	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-136**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-038	Date Collected:	10.22.19 20.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.31.19 17.27	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.31.19 17.27	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.31.19 17.27	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.31.19 17.27	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.31.19 17.27	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.31.19 17.27	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.31.19 17.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	109	%	70-130	10.31.19 17.27	
1,4-Difluorobenzene	540-36-3	94	%	70-130	10.31.19 17.27	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-137** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-039 Date Collected: 10.22.19 20.20

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 15.10 Basis: Wet Weight

Seq Number: 3105970

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**33.3**	4.98	mg/kg	10.30.19 19.22		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 05.49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 05.49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 05.49	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 05.49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-135	10.31.19 05.49	
o-Terphenyl	84-15-1	77	%	70-135	10.31.19 05.49	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-137**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-039	Date Collected:	10.22.19 20.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.31.19 17.47	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.31.19 17.47	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.31.19 17.47	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.31.19 17.47	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.31.19 17.47	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.31.19 17.47	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.31.19 17.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	108	%	70-130	10.31.19 17.47	
1,4-Difluorobenzene	540-36-3	94	%	70-130	10.31.19 17.47	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-138** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-040 Date Collected: 10.22.19 20.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**108**	4.97	mg/kg	10.30.19 17.52		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105998

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 06.10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 06.10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 06.10	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 06.10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-135	10.31.19 06.10	
o-Terphenyl	84-15-1	84	%	70-135	10.31.19 06.10	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-138**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-040	Date Collected:	10.22.19 20.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 16.00	Basis:	Wet Weight
Seq Number:	3106132				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.31.19 18.07	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.31.19 18.07	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.31.19 18.07	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.31.19 18.07	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.31.19 18.07	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.31.19 18.07	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.31.19 18.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	94	%	70-130	10.31.19 18.07	
4-Bromofluorobenzene	460-00-4	101	%	70-130	10.31.19 18.07	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-139** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-041 Date Collected: 10.22.19 20.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**127**	5.02	mg/kg	10.30.19 18.08		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.30.19 22.30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.30.19 22.30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.30.19 22.30	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.30.19 22.30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-135	10.30.19 22.30	
o-Terphenyl	84-15-1	99	%	70-135	10.30.19 22.30	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-139**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-041	Date Collected:	10.22.19 20.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.31.19 21.25	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.31.19 21.25	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.31.19 21.25	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.31.19 21.25	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.31.19 21.25	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.31.19 21.25	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.31.19 21.25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	97	%	70-130	10.31.19 21.25	
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.31.19 21.25	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-140** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-042 Date Collected: 10.22.19 20.35

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**62.0**	4.96	mg/kg	10.30.19 18.13		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.30.19 23.32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.30.19 23.32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.30.19 23.32	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.30.19 23.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	10.30.19 23.32	
o-Terphenyl	84-15-1	91	%	70-135	10.30.19 23.32	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-140**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-042	Date Collected:	10.22.19 20.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.31.19 21.45	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.31.19 21.45	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.31.19 21.45	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.31.19 21.45	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.31.19 21.45	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.31.19 21.45	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.31.19 21.45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	100	%	70-130	10.31.19 21.45	
4-Bromofluorobenzene	460-00-4	109	%	70-130	10.31.19 21.45	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-141** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-043 Date Collected: 10.22.19 20.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**181**	5.00	mg/kg	10.30.19 18.18		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.30.19 23.52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.30.19 23.52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.30.19 23.52	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.30.19 23.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	10.30.19 23.52	
o-Terphenyl	84-15-1	92	%	70-135	10.30.19 23.52	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-141**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-043	Date Collected:	10.22.19 20.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.31.19 22.06	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.31.19 22.06	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.31.19 22.06	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	10.31.19 22.06	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.31.19 22.06	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.31.19 22.06	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.31.19 22.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.31.19 22.06	
4-Bromofluorobenzene	460-00-4	104	%	70-130	10.31.19 22.06	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-142** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-044 Date Collected: 10.22.19 20.45

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**161**	4.97	mg/kg	10.30.19 18.23		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 00.13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 00.13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 00.13	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 00.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	10.31.19 00.13	
o-Terphenyl	84-15-1	91	%	70-135	10.31.19 00.13	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-142**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-044	Date Collected:	10.22.19 20.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.31.19 22.26	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.31.19 22.26	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.31.19 22.26	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.31.19 22.26	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.31.19 22.26	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.31.19 22.26	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.31.19 22.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	10.31.19 22.26	
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.31.19 22.26	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-143** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-045 Date Collected: 10.22.19 20.50

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**694**	4.99	mg/kg	10.30.19 18.39		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 00.34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 00.34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 00.34	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 00.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	10.31.19 00.34	
o-Terphenyl	84-15-1	95	%	70-135	10.31.19 00.34	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-143**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-045	Date Collected:	10.22.19 20.50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.31.19 22.46	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.31.19 22.46	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.31.19 22.46	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.31.19 22.46	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.31.19 22.46	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.31.19 22.46	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.31.19 22.46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.31.19 22.46	
4-Bromofluorobenzene	460-00-4	97	%	70-130	10.31.19 22.46	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-144** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-046 Date Collected: 10.22.19 20.55

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**304**	5.04	mg/kg	10.30.19 18.44		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 00.55	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 00.55	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 00.55	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 00.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	10.31.19 00.55	
o-Terphenyl	84-15-1	95	%	70-135	10.31.19 00.55	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-144**
Lab Sample Id: 641506-046

Matrix: Soil
Date Collected: 10.22.19 20.55

Date Received:10.30.19 11.45

Analytical Method: BTEX by EPA 8021B
Tech: KTL
Analyst: KTL
Seq Number: 3106133

Date Prep: 10.31.19 10.00

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.31.19 23.06	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.31.19 23.06	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.31.19 23.06	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.31.19 23.06	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.31.19 23.06	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.31.19 23.06	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.31.19 23.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.31.19 23.06	
4-Bromofluorobenzene	460-00-4	103	%	70-130	10.31.19 23.06	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-145** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-047 Date Collected: 10.22.19 21.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**118**	5.05	mg/kg	10.30.19 18.49		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 01.17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 01.17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 01.17	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 01.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	10.31.19 01.17	
o-Terphenyl	84-15-1	92	%	70-135	10.31.19 01.17	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-145**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-047	Date Collected:	10.22.19 21.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.31.19 23.26	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.31.19 23.26	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.31.19 23.26	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.31.19 23.26	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.31.19 23.26	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.31.19 23.26	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.31.19 23.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	103	%	70-130	10.31.19 23.26	
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.31.19 23.26	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-146** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-048 Date Collected: 10.22.19 21.05

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**544**	5.05	mg/kg	10.30.19 18.54		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.31.19 01.38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.31.19 01.38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.31.19 01.38	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.31.19 01.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	10.31.19 01.38	
o-Terphenyl	84-15-1	91	%	70-135	10.31.19 01.38	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-146**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-048	Date Collected:	10.22.19 21.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.31.19 23.46	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.31.19 23.46	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.31.19 23.46	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.31.19 23.46	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.31.19 23.46	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.31.19 23.46	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.31.19 23.46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.31.19 23.46	
4-Bromofluorobenzene	460-00-4	107	%	70-130	10.31.19 23.46	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-147** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-049 Date Collected: 10.22.19 21.10

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**83.7**	5.05	mg/kg	10.30.19 18.59		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 01.59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 01.59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 01.59	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 01.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	10.31.19 01.59	
o-Terphenyl	84-15-1	96	%	70-135	10.31.19 01.59	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-147**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-049	Date Collected:	10.22.19 21.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.01.19 00.07	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.01.19 00.07	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.01.19 00.07	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.01.19 00.07	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.01.19 00.07	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	11.01.19 00.07	U	1
Total BTEX		<0.00199	0.00199	mg/kg	11.01.19 00.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	11.01.19 00.07	
4-Bromofluorobenzene	460-00-4	106	%	70-130	11.01.19 00.07	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-148** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-050 Date Collected: 10.22.19 21.15

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**51.7**	4.99	mg/kg	10.30.19 19.04		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 02.19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 02.19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 02.19	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 02.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.31.19 02.19	
o-Terphenyl	84-15-1	85	%	70-135	10.31.19 02.19	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-148**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-050	Date Collected:	10.22.19 21.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 00.27	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 00.27	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 00.27	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	11.01.19 00.27	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 00.27	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 00.27	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 00.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	117	%	70-130	11.01.19 00.27	
1,4-Difluorobenzene	540-36-3	86	%	70-130	11.01.19 00.27	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-149** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-051 Date Collected: 10.22.19 21.20

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**105**	4.97	mg/kg	10.30.19 19.20		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.31.19 03.01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.31.19 03.01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.31.19 03.01	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.31.19 03.01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-135	10.31.19 03.01	
o-Terphenyl	84-15-1	92	%	70-135	10.31.19 03.01	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-149**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-051	Date Collected:	10.22.19 21.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 01.45	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 01.45	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 01.45	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	11.01.19 01.45	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 01.45	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 01.45	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 01.45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	95	%	70-130	11.01.19 01.45	
1,4-Difluorobenzene	540-36-3	97	%	70-130	11.01.19 01.45	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-150** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-052 Date Collected: 10.22.19 21.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**60.0**	4.96	mg/kg	10.30.19 19.25		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 03.22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 03.22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 03.22	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 03.22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-135	10.31.19 03.22	
o-Terphenyl	84-15-1	89	%	70-135	10.31.19 03.22	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-150**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-052	Date Collected:	10.22.19 21.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	11.01.19 02.05	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	11.01.19 02.05	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	11.01.19 02.05	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	11.01.19 02.05	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	11.01.19 02.05	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	11.01.19 02.05	U	1
Total BTEX		<0.00198	0.00198	mg/kg	11.01.19 02.05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	98	%	70-130	11.01.19 02.05	
1,4-Difluorobenzene	540-36-3	96	%	70-130	11.01.19 02.05	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-151** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-053 Date Collected: 10.24.19 16.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**9.47**	4.97	mg/kg	10.30.19 19.40		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 03.43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 03.43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 03.43	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 03.43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	10.31.19 03.43	
o-Terphenyl	84-15-1	91	%	70-135	10.31.19 03.43	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-151**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-053	Date Collected:	10.24.19 16.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.01.19 02.25	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.01.19 02.25	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.01.19 02.25	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.01.19 02.25	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.01.19 02.25	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	11.01.19 02.25	U	1
Total BTEX		<0.00199	0.00199	mg/kg	11.01.19 02.25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	11.01.19 02.25	
4-Bromofluorobenzene	460-00-4	104	%	70-130	11.01.19 02.25	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-152** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-054 Date Collected: 10.24.19 16.05

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**188**	5.01	mg/kg	10.30.19 19.45		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 04.04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 04.04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 04.04	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 04.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.31.19 04.04	
o-Terphenyl	84-15-1	84	%	70-135	10.31.19 04.04	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-152**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-054	Date Collected:	10.24.19 16.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	11.01.19 02.45	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	11.01.19 02.45	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	11.01.19 02.45	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	11.01.19 02.45	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	11.01.19 02.45	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	11.01.19 02.45	U	1
Total BTEX		<0.00202	0.00202	mg/kg	11.01.19 02.45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	110	%	70-130	11.01.19 02.45	
1,4-Difluorobenzene	540-36-3	94	%	70-130	11.01.19 02.45	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-153** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-055 Date Collected: 10.24.19 16.10

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2480**	25.3	mg/kg	10.30.19 19.50		5

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 04.25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 04.25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 04.25	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 04.25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	10.31.19 04.25	
o-Terphenyl	84-15-1	91	%	70-135	10.31.19 04.25	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-153**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-055	Date Collected:	10.24.19 16.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 03.06	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 03.06	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 03.06	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	11.01.19 03.06	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 03.06	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 03.06	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 03.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	99	%	70-130	11.01.19 03.06	
1,4-Difluorobenzene	540-36-3	96	%	70-130	11.01.19 03.06	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-154** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-056 Date Collected: 10.24.19 16.15

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**710**	5.00	mg/kg	10.30.19 19.56		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 04.47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 04.47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 04.47	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 04.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	10.31.19 04.47	
o-Terphenyl	84-15-1	88	%	70-135	10.31.19 04.47	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-154**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-056	Date Collected:	10.24.19 16.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	11.01.19 03.26	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	11.01.19 03.26	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	11.01.19 03.26	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	11.01.19 03.26	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	11.01.19 03.26	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	11.01.19 03.26	U	1
Total BTEX		<0.00202	0.00202	mg/kg	11.01.19 03.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	11.01.19 03.26	
4-Bromofluorobenzene	460-00-4	104	%	70-130	11.01.19 03.26	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-155** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-057 Date Collected: 10.22.19 21.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**23.6**	4.96	mg/kg	10.30.19 20.01		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 05.08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 05.08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 05.08	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 05.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	10.31.19 05.08	
o-Terphenyl	84-15-1	91	%	70-135	10.31.19 05.08	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-155**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-057	Date Collected:	10.22.19 21.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 03.46	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 03.46	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 03.46	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	11.01.19 03.46	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 03.46	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 03.46	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 03.46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	119	%	70-130	11.01.19 03.46	
1,4-Difluorobenzene	540-36-3	85	%	70-130	11.01.19 03.46	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-156** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-058 Date Collected: 10.22.19 21.35

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**75.7**	5.04	mg/kg	10.30.19 20.06		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 05.28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 05.28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 05.28	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 05.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	10.31.19 05.28	
o-Terphenyl	84-15-1	96	%	70-135	10.31.19 05.28	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-156**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-058	Date Collected:	10.22.19 21.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 04.06	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 04.06	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 04.06	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	11.01.19 04.06	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 04.06	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 04.06	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 04.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	92	%	70-130	11.01.19 04.06	
4-Bromofluorobenzene	460-00-4	110	%	70-130	11.01.19 04.06	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-157** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-059 Date Collected: 10.22.19 21.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.10 Basis: Wet Weight

Seq Number: 3105971

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**52.3**	5.02	mg/kg	10.30.19 20.11		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.31.19 05.49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.31.19 05.49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.31.19 05.49	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.31.19 05.49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-135	10.31.19 05.49	
o-Terphenyl	84-15-1	94	%	70-135	10.31.19 05.49	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-157**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-059	Date Collected:	10.22.19 21.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 04.26	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 04.26	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 04.26	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	11.01.19 04.26	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 04.26	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 04.26	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 04.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	103	%	70-130	11.01.19 04.26	
1,4-Difluorobenzene	540-36-3	94	%	70-130	11.01.19 04.26	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-158** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-060 Date Collected: 10.22.19 21.45

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**154**	5.03	mg/kg	10.30.19 20.47		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.30.19 17.00 Basis: Wet Weight

Seq Number: 3105996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 06.10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 06.10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 06.10	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 06.10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-135	10.31.19 06.10	
o-Terphenyl	84-15-1	94	%	70-135	10.31.19 06.10	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-158**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-060	Date Collected:	10.22.19 21.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106133				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 04.46	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 04.46	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 04.46	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	11.01.19 04.46	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 04.46	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 04.46	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 04.46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	92	%	70-130	11.01.19 04.46	
4-Bromofluorobenzene	460-00-4	106	%	70-130	11.01.19 04.46	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-159** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-061 Date Collected: 10.22.19 21.50

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**12.4**	4.99	mg/kg	10.30.19 21.02		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 12.34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 12.34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 12.34	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 12.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.31.19 12.34	
o-Terphenyl	84-15-1	91	%	70-135	10.31.19 12.34	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-159**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-061	Date Collected:	10.22.19 21.50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	11.01.19 12.13	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	11.01.19 12.13	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	11.01.19 12.13	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	11.01.19 12.13	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	11.01.19 12.13	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	11.01.19 12.13	U	1
Total BTEX		<0.00202	0.00202	mg/kg	11.01.19 12.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	11.01.19 12.13	
4-Bromofluorobenzene	460-00-4	96	%	70-130	11.01.19 12.13	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-160** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-062 Date Collected: 10.22.19 21.55

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**212**	5.04	mg/kg	10.30.19 21.08		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.31.19 13.36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.31.19 13.36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.31.19 13.36	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.31.19 13.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	10.31.19 13.36	
o-Terphenyl	84-15-1	87	%	70-135	10.31.19 13.36	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-160**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-062	Date Collected:	10.22.19 21.55		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.01.19 12.33	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.01.19 12.33	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.01.19 12.33	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.01.19 12.33	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.01.19 12.33	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	11.01.19 12.33	U	1
Total BTEX		<0.00199	0.00199	mg/kg	11.01.19 12.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	11.01.19 12.33	
1,4-Difluorobenzene	540-36-3	93	%	70-130	11.01.19 12.33	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-161** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-063 Date Collected: 10.22.19 22.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**891**	5.01	mg/kg	10.30.19 21.13		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 13.57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 13.57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 13.57	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 13.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.31.19 13.57	
o-Terphenyl	84-15-1	85	%	70-135	10.31.19 13.57	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-161**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-063	Date Collected:	10.22.19 22.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 12.53	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 12.53	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 12.53	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	11.01.19 12.53	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 12.53	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 12.53	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 12.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	11.01.19 12.53	
1,4-Difluorobenzene	540-36-3	97	%	70-130	11.01.19 12.53	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-162** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-064 Date Collected: 10.22.19 22.05

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1330**	4.98	mg/kg	10.30.19 21.18		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 14.18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 14.18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 14.18	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 14.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	10.31.19 14.18	
o-Terphenyl	84-15-1	89	%	70-135	10.31.19 14.18	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-162**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-064	Date Collected:	10.22.19 22.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 13.13	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 13.13	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 13.13	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	11.01.19 13.13	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 13.13	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 13.13	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 13.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	109	%	70-130	11.01.19 13.13	
1,4-Difluorobenzene	540-36-3	98	%	70-130	11.01.19 13.13	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-163** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-065 Date Collected: 10.22.19 22.10

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**26.4**	4.95	mg/kg	10.30.19 21.33		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 14.39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 14.39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 14.39	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 14.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	10.31.19 14.39	
o-Terphenyl	84-15-1	95	%	70-135	10.31.19 14.39	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-163**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-065	Date Collected:	10.22.19 22.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 13.33	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 13.33	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 13.33	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	11.01.19 13.33	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 13.33	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 13.33	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 13.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	11.01.19 13.33	
1,4-Difluorobenzene	540-36-3	96	%	70-130	11.01.19 13.33	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-164** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-066 Date Collected: 10.22.19 22.15

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**22.3**	5.04	mg/kg	10.30.19 21.38		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.31.19 15.00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.31.19 15.00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.31.19 15.00	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.31.19 15.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-135	10.31.19 15.00	
o-Terphenyl	84-15-1	101	%	70-135	10.31.19 15.00	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-164**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-066	Date Collected:	10.22.19 22.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	11.01.19 14.55	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	11.01.19 14.55	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	11.01.19 14.55	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	11.01.19 14.55	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	11.01.19 14.55	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	11.01.19 14.55	U	1
Total BTEX		<0.00198	0.00198	mg/kg	11.01.19 14.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	11.01.19 14.55	
4-Bromofluorobenzene	460-00-4	99	%	70-130	11.01.19 14.55	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-165** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-067 Date Collected: 10.22.19 22.20

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**130**	5.02	mg/kg	10.30.19 21.44		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 15.21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 15.21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 15.21	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 15.21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-135	10.31.19 15.21	
o-Terphenyl	84-15-1	88	%	70-135	10.31.19 15.21	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-165**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-067	Date Collected:	10.22.19 22.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 15.15	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 15.15	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 15.15	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	11.01.19 15.15	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 15.15	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 15.15	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 15.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	11.01.19 15.15	
4-Bromofluorobenzene	460-00-4	102	%	70-130	11.01.19 15.15	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-166** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-068 Date Collected: 10.22.19 22.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**195**	4.98	mg/kg	10.30.19 21.49		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 15.42	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 15.42	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 15.42	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 15.42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	10.31.19 15.42	
o-Terphenyl	84-15-1	88	%	70-135	10.31.19 15.42	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-166**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-068	Date Collected:	10.22.19 22.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 15.36	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 15.36	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 15.36	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	11.01.19 15.36	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 15.36	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 15.36	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 15.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	11.01.19 15.36	
1,4-Difluorobenzene	540-36-3	92	%	70-130	11.01.19 15.36	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-167** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-069 Date Collected: 10.22.19 22.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**352**	4.96	mg/kg	10.30.19 21.54		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 16.03	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 16.03	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 16.03	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 16.03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-135	10.31.19 16.03	
o-Terphenyl	84-15-1	90	%	70-135	10.31.19 16.03	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-167**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-069	Date Collected:	10.22.19 22.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	11.01.19 15.56	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	11.01.19 15.56	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	11.01.19 15.56	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	11.01.19 15.56	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	11.01.19 15.56	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	11.01.19 15.56	U	1
Total BTEX		<0.00198	0.00198	mg/kg	11.01.19 15.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	109	%	70-130	11.01.19 15.56	
1,4-Difluorobenzene	540-36-3	96	%	70-130	11.01.19 15.56	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-168** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-070 Date Collected: 10.22.19 22.35

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**154**	4.99	mg/kg	10.30.19 21.59		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 16.24	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 16.24	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 16.24	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 16.24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	10.31.19 16.24	
o-Terphenyl	84-15-1	94	%	70-135	10.31.19 16.24	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-168**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-070	Date Collected:	10.22.19 22.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 16.16	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 16.16	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 16.16	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	11.01.19 16.16	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 16.16	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 16.16	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 16.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	11.01.19 16.16	
1,4-Difluorobenzene	540-36-3	96	%	70-130	11.01.19 16.16	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-169** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-071 Date Collected: 10.22.19 22.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**430**	4.95	mg/kg	10.30.19 22.14		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.31.19 17.06	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.31.19 17.06	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.31.19 17.06	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.31.19 17.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	10.31.19 17.06	
o-Terphenyl	84-15-1	86	%	70-135	10.31.19 17.06	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-169**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-071	Date Collected:	10.22.19 22.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 17.34	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 17.34	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 17.34	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	11.01.19 17.34	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 17.34	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 17.34	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 17.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	68	%	70-130	11.01.19 17.34	**
4-Bromofluorobenzene	460-00-4	108	%	70-130	11.01.19 17.34	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-170** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-072 Date Collected: 10.22.19 22.45

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**25.9**	4.95	mg/kg	10.30.19 22.19		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 17.26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 17.26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 17.26	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 17.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	10.31.19 17.26	
o-Terphenyl	84-15-1	86	%	70-135	10.31.19 17.26	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-170**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-072	Date Collected:	10.22.19 22.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	11.01.19 17.54	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	11.01.19 17.54	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	11.01.19 17.54	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	11.01.19 17.54	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	11.01.19 17.54	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	11.01.19 17.54	U	1
Total BTEX		<0.00201	0.00201	mg/kg	11.01.19 17.54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	94	%	70-130	11.01.19 17.54	
4-Bromofluorobenzene	460-00-4	93	%	70-130	11.01.19 17.54	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-171** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-073 Date Collected: 10.22.19 16.20

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**216**	5.03	mg/kg	10.30.19 22.35		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 17.47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 17.47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 17.47	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 17.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	10.31.19 17.47	
o-Terphenyl	84-15-1	90	%	70-135	10.31.19 17.47	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-171**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-073	Date Collected:	10.22.19 16.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 18.14	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 18.14	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 18.14	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	11.01.19 18.14	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 18.14	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 18.14	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 18.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	11.01.19 18.14	
4-Bromofluorobenzene	460-00-4	108	%	70-130	11.01.19 18.14	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-172** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-074 Date Collected: 10.22.19 16.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**450**	5.05	mg/kg	10.30.19 22.40		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 18.08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 18.08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 18.08	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 18.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.31.19 18.08	
o-Terphenyl	84-15-1	86	%	70-135	10.31.19 18.08	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-172**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-074	Date Collected:	10.22.19 16.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	11.01.19 18.34	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	11.01.19 18.34	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	11.01.19 18.34	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	11.01.19 18.34	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	11.01.19 18.34	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	11.01.19 18.34	U	1
Total BTEX		<0.00198	0.00198	mg/kg	11.01.19 18.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	11.01.19 18.34	
1,4-Difluorobenzene	540-36-3	95	%	70-130	11.01.19 18.34	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-173** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-075 Date Collected: 10.22.19 16.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**165**	5.00	mg/kg	10.30.19 22.45		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 18.28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 18.28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 18.28	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 18.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	10.31.19 18.28	
o-Terphenyl	84-15-1	89	%	70-135	10.31.19 18.28	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-173**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-075	Date Collected:	10.22.19 16.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.01.19 18.55	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.01.19 18.55	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.01.19 18.55	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.01.19 18.55	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.01.19 18.55	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	11.01.19 18.55	U	1
Total BTEX		<0.00199	0.00199	mg/kg	11.01.19 18.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	11.01.19 18.55	
1,4-Difluorobenzene	540-36-3	95	%	70-130	11.01.19 18.55	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-174** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-076 Date Collected: 10.22.19 16.35

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**271**	4.96	mg/kg	10.30.19 22.50		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 18.49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 18.49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 18.49	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 18.49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-135	10.31.19 18.49	
o-Terphenyl	84-15-1	97	%	70-135	10.31.19 18.49	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-174**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-076	Date Collected:	10.22.19 16.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.01.19 19.15	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.01.19 19.15	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.01.19 19.15	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.01.19 19.15	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.01.19 19.15	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	11.01.19 19.15	U	1
Total BTEX		<0.00199	0.00199	mg/kg	11.01.19 19.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	70-130	11.01.19 19.15	
1,4-Difluorobenzene	540-36-3	76	%	70-130	11.01.19 19.15	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **Bottom Hole-175** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-077 Date Collected: 10.22.19 16.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**197**	5.00	mg/kg	10.30.19 22.55		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 19.10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 19.10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 19.10	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 19.10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-135	10.31.19 19.10	
o-Terphenyl	84-15-1	80	%	70-135	10.31.19 19.10	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottom Hole-175**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-077	Date Collected:	10.22.19 16.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 19.35	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 19.35	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 19.35	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	11.01.19 19.35	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 19.35	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 19.35	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 19.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	93	%	70-130	11.01.19 19.35	
4-Bromofluorobenzene	460-00-4	105	%	70-130	11.01.19 19.35	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **NWSW (Small)** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-078 Date Collected: 10.23.19 10.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.15 Basis: Wet Weight

Seq Number: 3105973

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**61.3**	5.00	mg/kg	10.30.19 23.01		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 11.00 Basis: Wet Weight

Seq Number: 3106139

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 19.31	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 19.31	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 19.31	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 19.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-135	10.31.19 19.31	
o-Terphenyl	84-15-1	77	%	70-135	10.31.19 19.31	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**NWSW (Small)**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-078	Date Collected:	10.23.19 10.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.01.19 19.55	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.01.19 19.55	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.01.19 19.55	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.01.19 19.55	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.01.19 19.55	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	11.01.19 19.55	U	1
Total BTEX		<0.00199	0.00199	mg/kg	11.01.19 19.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	11.01.19 19.55	
4-Bromofluorobenzene	460-00-4	108	%	70-130	11.01.19 19.55	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**SESW (Small)**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-079	Date Collected:	10.23.19 10.05		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.30.19 16.15	Basis:	Wet Weight
Seq Number:	3105973				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.04	5.04	mg/kg	10.30.19 23.06	U	1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.31.19 11.00	Basis:	Wet Weight
Seq Number:	3106139				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 19.52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 19.52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 19.52	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 19.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-135	10.31.19 19.52	
o-Terphenyl	84-15-1	80	%	70-135	10.31.19 19.52	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**SESW (Small)**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-079	Date Collected:	10.23.19 10.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	11.01.19 20.15	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	11.01.19 20.15	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	11.01.19 20.15	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	11.01.19 20.15	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	11.01.19 20.15	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	11.01.19 20.15	U	1
Total BTEX		<0.00201	0.00201	mg/kg	11.01.19 20.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	11.01.19 20.15	
1,4-Difluorobenzene	540-36-3	88	%	70-130	11.01.19 20.15	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**NSW-1**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-080	Date Collected:	10.23.19 10.10		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.30.19 16.25	Basis:	Wet Weight
Seq Number:	3105976				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**3120**	25.2	mg/kg	10.30.19 20.14		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.31.19 11.00	Basis:	Wet Weight
Seq Number:	3106139				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.31.19 20.13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.31.19 20.13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.31.19 20.13	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.31.19 20.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-135	10.31.19 20.13	
o-Terphenyl	84-15-1	84	%	70-135	10.31.19 20.13	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**NSW-1**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-080	Date Collected:	10.23.19 10.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.30	Basis:	Wet Weight
Seq Number:	3106274				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	11.01.19 20.35	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	11.01.19 20.35	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	11.01.19 20.35	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	11.01.19 20.35	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	11.01.19 20.35	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	11.01.19 20.35	U	1
Total BTEX		<0.00198	0.00198	mg/kg	11.01.19 20.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	11.01.19 20.35	
1,4-Difluorobenzene	540-36-3	95	%	70-130	11.01.19 20.35	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**WSW-1**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-081	Date Collected:	10.23.19 10.15		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.30.19 16.25	Basis:	Wet Weight
Seq Number:	3105976				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**33900**	250	mg/kg	10.30.19 20.20		50

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.31.19 12.00	Basis:	Wet Weight
Seq Number:	3106140				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 21.58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 21.58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 21.58	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 21.58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-135	10.31.19 21.58	
o-Terphenyl	84-15-1	91	%	70-135	10.31.19 21.58	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**WSW-1**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-081	Date Collected:	10.23.19 10.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 09.55	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 09.55	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 09.55	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	11.01.19 09.55	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 09.55	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 09.55	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 09.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	11.01.19 09.55	
4-Bromofluorobenzene	460-00-4	72	%	70-130	11.01.19 09.55	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **WSW-2** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-082 Date Collected: 10.23.19 10.20

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.25 Basis: Wet Weight

Seq Number: 3105976

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**93.1**	5.00	mg/kg	10.30.19 19.57		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 12.00 Basis: Wet Weight

Seq Number: 3106140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 23.02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 23.02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 23.02	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 23.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	10.31.19 23.02	
o-Terphenyl	84-15-1	85	%	70-135	10.31.19 23.02	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**WSW-2**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-082	Date Collected:	10.23.19 10.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 10.15	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 10.15	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 10.15	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	11.01.19 10.15	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 10.15	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 10.15	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 10.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	11.01.19 10.15	
4-Bromofluorobenzene	460-00-4	97	%	70-130	11.01.19 10.15	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **WSW-3** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-083 Date Collected: 10.23.19 10.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.25 Basis: Wet Weight

Seq Number: 3105976

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**280**	4.96	mg/kg	10.30.19 20.26		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 12.00 Basis: Wet Weight

Seq Number: 3106140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 23.23	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 23.23	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 23.23	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 23.23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	10.31.19 23.23	
o-Terphenyl	84-15-1	85	%	70-135	10.31.19 23.23	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**WSW-3**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-083	Date Collected:	10.23.19 10.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 10.35	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 10.35	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 10.35	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	11.01.19 10.35	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 10.35	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 10.35	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 10.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	95	%	70-130	11.01.19 10.35	
1,4-Difluorobenzene	540-36-3	99	%	70-130	11.01.19 10.35	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **WSW-4** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-084 Date Collected: 10.23.19 10.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.25 Basis: Wet Weight

Seq Number: 3105976

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**304**	5.04	mg/kg	10.30.19 20.32		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 12.00 Basis: Wet Weight

Seq Number: 3106140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 23.44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 23.44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 23.44	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 23.44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	82	%	70-135	10.31.19 23.44	
o-Terphenyl	84-15-1	80	%	70-135	10.31.19 23.44	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**WSW-4**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-084	Date Collected:	10.23.19 10.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	11.01.19 10.55	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	11.01.19 10.55	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	11.01.19 10.55	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	11.01.19 10.55	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	11.01.19 10.55	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	11.01.19 10.55	U	1
Total BTEX		<0.00202	0.00202	mg/kg	11.01.19 10.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	103	%	70-130	11.01.19 10.55	
4-Bromofluorobenzene	460-00-4	94	%	70-130	11.01.19 10.55	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **WSW-5** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-085 Date Collected: 10.23.19 10.35

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.25 Basis: Wet Weight

Seq Number: 3105976

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**7370**	49.8	mg/kg	10.30.19 20.49		10

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 12.00 Basis: Wet Weight

Seq Number: 3106140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.01.19 00.05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.01.19 00.05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.01.19 00.05	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.01.19 00.05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	11.01.19 00.05	
o-Terphenyl	84-15-1	92	%	70-135	11.01.19 00.05	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**WSW-5**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-085	Date Collected:	10.23.19 10.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	11.01.19 11.16	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	11.01.19 11.16	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	11.01.19 11.16	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	11.01.19 11.16	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	11.01.19 11.16	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	11.01.19 11.16	U	1
Total BTEX		<0.00198	0.00198	mg/kg	11.01.19 11.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	11.01.19 11.16	
4-Bromofluorobenzene	460-00-4	86	%	70-130	11.01.19 11.16	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**SSW-2**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-086	Date Collected:	10.23.19 10.40		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.30.19 16.25	Basis:	Wet Weight
Seq Number:	3105976				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**511**	4.98	mg/kg	10.30.19 20.55		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.31.19 12.00	Basis:	Wet Weight
Seq Number:	3106140				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.01.19 00.27	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.01.19 00.27	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.01.19 00.27	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	11.01.19 00.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-135	11.01.19 00.27	
o-Terphenyl	84-15-1	91	%	70-135	11.01.19 00.27	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**SSW-2**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-086	Date Collected:	10.23.19 10.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	11.01.19 11.36	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	11.01.19 11.36	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	11.01.19 11.36	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	11.01.19 11.36	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	11.01.19 11.36	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	11.01.19 11.36	U	1
Total BTEX		<0.00198	0.00198	mg/kg	11.01.19 11.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	70-130	11.01.19 11.36	
1,4-Difluorobenzene	540-36-3	101	%	70-130	11.01.19 11.36	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **SSW-3** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-087 Date Collected: 10.23.19 10.45

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.25 Basis: Wet Weight

Seq Number: 3105976

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**150**	5.00	mg/kg	10.30.19 21.01		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 12.00 Basis: Wet Weight

Seq Number: 3106140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	11.01.19 00.48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	11.01.19 00.48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	11.01.19 00.48	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	11.01.19 00.48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	11.01.19 00.48	
o-Terphenyl	84-15-1	88	%	70-135	11.01.19 00.48	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**SSW-3**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-087	Date Collected:	10.23.19 10.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	11.01.19 11.56	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	11.01.19 11.56	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	11.01.19 11.56	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	11.01.19 11.56	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	11.01.19 11.56	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	11.01.19 11.56	U	1
Total BTEX		<0.00202	0.00202	mg/kg	11.01.19 11.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	11.01.19 11.56	
1,4-Difluorobenzene	540-36-3	106	%	70-130	11.01.19 11.56	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **ESW-1** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-088 Date Collected: 10.23.19 10.50

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.25 Basis: Wet Weight

Seq Number: 3105976

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**46.0**	5.00	mg/kg	10.30.19 21.07		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 12.00 Basis: Wet Weight

Seq Number: 3106140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.01.19 01.08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.01.19 01.08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.01.19 01.08	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.01.19 01.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	11.01.19 01.08	
o-Terphenyl	84-15-1	87	%	70-135	11.01.19 01.08	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ESW-1**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-088	Date Collected:	10.23.19 10.50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 12.16	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 12.16	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 12.16	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	11.01.19 12.16	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 12.16	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 12.16	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 12.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	99	%	70-130	11.01.19 12.16	
1,4-Difluorobenzene	540-36-3	103	%	70-130	11.01.19 12.16	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **NSW-2** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-089 Date Collected: 10.23.19 10.55

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.25 Basis: Wet Weight

Seq Number: 3105976

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**341**	5.02	mg/kg	10.30.19 21.12		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 12.00 Basis: Wet Weight

Seq Number: 3106140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.01.19 01.29	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.01.19 01.29	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.01.19 01.29	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.01.19 01.29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	11.01.19 01.29	
o-Terphenyl	84-15-1	88	%	70-135	11.01.19 01.29	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**NSW-2**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-089	Date Collected:	10.23.19 10.55		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.01.19 13.55	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.01.19 13.55	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.01.19 13.55	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.01.19 13.55	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.01.19 13.55	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	11.01.19 13.55	U	1
Total BTEX		<0.00199	0.00199	mg/kg	11.01.19 13.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	109	%	70-130	11.01.19 13.55	
4-Bromofluorobenzene	460-00-4	101	%	70-130	11.01.19 13.55	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **ESW-2** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-090 Date Collected: 10.23.19 11.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.25 Basis: Wet Weight

Seq Number: 3105976

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**47.4**	4.95	mg/kg	10.30.19 21.18		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 12.00 Basis: Wet Weight

Seq Number: 3106140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.01.19 01.50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.01.19 01.50	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.01.19 01.50	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	11.01.19 01.50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	11.01.19 01.50	
o-Terphenyl	84-15-1	86	%	70-135	11.01.19 01.50	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ESW-2**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-090	Date Collected:	10.23.19 11.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.01.19 14.15	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.01.19 14.15	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.01.19 14.15	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.01.19 14.15	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.01.19 14.15	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	11.01.19 14.15	U	1
Total BTEX		<0.00199	0.00199	mg/kg	11.01.19 14.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	95	%	70-130	11.01.19 14.15	
1,4-Difluorobenzene	540-36-3	102	%	70-130	11.01.19 14.15	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **ESW-3** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-091 Date Collected: 10.23.19 11.05

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.25 Basis: Wet Weight

Seq Number: 3105976

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**175**	4.96	mg/kg	10.30.19 21.36		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 12.00 Basis: Wet Weight

Seq Number: 3106140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.01.19 02.32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.01.19 02.32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.01.19 02.32	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.01.19 02.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	11.01.19 02.32	
o-Terphenyl	84-15-1	87	%	70-135	11.01.19 02.32	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ESW-3**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-091	Date Collected:	10.23.19 11.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.01.19 15.34	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.01.19 15.34	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.01.19 15.34	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.01.19 15.34	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.01.19 15.34	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	11.01.19 15.34	U	1
Total BTEX		<0.00199	0.00199	mg/kg	11.01.19 15.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	11.01.19 15.34	
4-Bromofluorobenzene	460-00-4	98	%	70-130	11.01.19 15.34	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**NSW-4**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-092	Date Collected:	10.23.19 11.10		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.30.19 16.25	Basis:	Wet Weight
Seq Number:	3105976				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**124**	5.02	mg/kg	10.30.19 21.41		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.31.19 12.00	Basis:	Wet Weight
Seq Number:	3106140				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.01.19 02.53	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.01.19 02.53	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.01.19 02.53	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.01.19 02.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	11.01.19 02.53	
o-Terphenyl	84-15-1	86	%	70-135	11.01.19 02.53	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**NSW-4**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-092	Date Collected:	10.23.19 11.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.01.19 15.54	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.01.19 15.54	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.01.19 15.54	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.01.19 15.54	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.01.19 15.54	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	11.01.19 15.54	U	1
Total BTEX		<0.00199	0.00199	mg/kg	11.01.19 15.54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	108	%	70-130	11.01.19 15.54	
4-Bromofluorobenzene	460-00-4	102	%	70-130	11.01.19 15.54	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ESW-4**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-093	Date Collected:	10.23.19 11.15		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.30.19 16.25	Basis:	Wet Weight
Seq Number:	3105976				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1020**	4.99	mg/kg	10.30.19 21.59		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.31.19 12.00	Basis:	Wet Weight
Seq Number:	3106140				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	11.01.19 03.14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	11.01.19 03.14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	11.01.19 03.14	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	11.01.19 03.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-135	11.01.19 03.14	
o-Terphenyl	84-15-1	85	%	70-135	11.01.19 03.14	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ESW-4**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-093	Date Collected:	10.23.19 11.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	11.01.19 16.14	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	11.01.19 16.14	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	11.01.19 16.14	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	11.01.19 16.14	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	11.01.19 16.14	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	11.01.19 16.14	U	1
Total BTEX		<0.00198	0.00198	mg/kg	11.01.19 16.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	11.01.19 16.14	
4-Bromofluorobenzene	460-00-4	102	%	70-130	11.01.19 16.14	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **SSW-1** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-094 Date Collected: 10.23.19 11.20

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.25 Basis: Wet Weight

Seq Number: 3105976

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**13.5**	4.95	mg/kg	10.30.19 22.05		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 12.00 Basis: Wet Weight

Seq Number: 3106140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.01.19 03.35	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.01.19 03.35	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.01.19 03.35	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	11.01.19 03.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	11.01.19 03.35	
o-Terphenyl	84-15-1	85	%	70-135	11.01.19 03.35	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**SSW-1**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-094	Date Collected:	10.23.19 11.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 16.35	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 16.35	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 16.35	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	11.01.19 16.35	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 16.35	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 16.35	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 16.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	105	%	70-130	11.01.19 16.35	
4-Bromofluorobenzene	460-00-4	99	%	70-130	11.01.19 16.35	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **ESW-5** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-095 Date Collected: 10.23.19 11.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.25 Basis: Wet Weight

Seq Number: 3105976

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**38.1**	5.05	mg/kg	10.30.19 22.10		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 12.00 Basis: Wet Weight

Seq Number: 3106140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.01.19 03.56	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.01.19 03.56	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.01.19 03.56	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	11.01.19 03.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	11.01.19 03.56	
o-Terphenyl	84-15-1	87	%	70-135	11.01.19 03.56	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ESW-5**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-095	Date Collected:	10.23.19 11.25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	11.01.19 16.55	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	11.01.19 16.55	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	11.01.19 16.55	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	11.01.19 16.55	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	11.01.19 16.55	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	11.01.19 16.55	U	1
Total BTEX		<0.00201	0.00201	mg/kg	11.01.19 16.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	94	%	70-130	11.01.19 16.55	
1,4-Difluorobenzene	540-36-3	109	%	70-130	11.01.19 16.55	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **ISW-1** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-096 Date Collected: 10.23.19 11.30

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.25 Basis: Wet Weight

Seq Number: 3105976

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**48.7**	5.05	mg/kg	10.30.19 22.16		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 12.00 Basis: Wet Weight

Seq Number: 3106140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.01.19 04.18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.01.19 04.18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.01.19 04.18	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.01.19 04.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	11.01.19 04.18	
o-Terphenyl	84-15-1	87	%	70-135	11.01.19 04.18	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ISW-1**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-096	Date Collected:	10.23.19 11.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	11.01.19 17.15	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	11.01.19 17.15	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	11.01.19 17.15	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	11.01.19 17.15	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	11.01.19 17.15	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	11.01.19 17.15	U	1
Total BTEX		<0.00201	0.00201	mg/kg	11.01.19 17.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	11.01.19 17.15	
1,4-Difluorobenzene	540-36-3	106	%	70-130	11.01.19 17.15	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ISW-2**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-097	Date Collected:	10.23.19 11.35		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.30.19 16.25	Basis:	Wet Weight
Seq Number:	3105976				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**32.1**	5.00	mg/kg	10.30.19 22.22		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.31.19 12.00	Basis:	Wet Weight
Seq Number:	3106140				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.01.19 04.38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.01.19 04.38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.01.19 04.38	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	11.01.19 04.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	11.01.19 04.38	
o-Terphenyl	84-15-1	93	%	70-135	11.01.19 04.38	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ISW-2**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-097	Date Collected:	10.23.19 11.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.01.19 17.35	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.01.19 17.35	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.01.19 17.35	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	11.01.19 17.35	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.01.19 17.35	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.01.19 17.35	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.01.19 17.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	11.01.19 17.35	
4-Bromofluorobenzene	460-00-4	93	%	70-130	11.01.19 17.35	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ISW-3**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-098	Date Collected:	10.23.19 11.40		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.30.19 16.25	Basis:	Wet Weight
Seq Number:	3105976				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**171**	5.00	mg/kg	10.30.19 22.28		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.31.19 12.00	Basis:	Wet Weight
Seq Number:	3106140				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.01.19 04.59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.01.19 04.59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.01.19 04.59	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	11.01.19 04.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	81	%	70-135	11.01.19 04.59	
o-Terphenyl	84-15-1	83	%	70-135	11.01.19 04.59	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ISW-3**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-098	Date Collected:	10.23.19 11.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.01.19 17.55	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.01.19 17.55	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.01.19 17.55	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.01.19 17.55	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.01.19 17.55	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	11.01.19 17.55	U	1
Total BTEX		<0.00199	0.00199	mg/kg	11.01.19 17.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	11.01.19 17.55	
4-Bromofluorobenzene	460-00-4	77	%	70-130	11.01.19 17.55	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **ISW-4** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-099 Date Collected: 10.23.19 11.45

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.25 Basis: Wet Weight

Seq Number: 3105976

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**89.1**	5.00	mg/kg	10.30.19 22.34		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 12.00 Basis: Wet Weight

Seq Number: 3106140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.01.19 05.20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.01.19 05.20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.01.19 05.20	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.01.19 05.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-135	11.01.19 05.20	
o-Terphenyl	84-15-1	78	%	70-135	11.01.19 05.20	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ISW-4**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-099	Date Collected:	10.23.19 11.45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.31.19 10.45	Basis:	Wet Weight
Seq Number:	3106320				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.01.19 18.15	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.01.19 18.15	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.01.19 18.15	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.01.19 18.15	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.01.19 18.15	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	11.01.19 18.15	U	1
Total BTEX		<0.00199	0.00199	mg/kg	11.01.19 18.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	109	%	70-130	11.01.19 18.15	
4-Bromofluorobenzene	460-00-4	108	%	70-130	11.01.19 18.15	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ISW-5**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-100	Date Collected:	10.23.19 11.50		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.30.19 16.35	Basis:	Wet Weight
Seq Number:	3105992				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**351**	5.00	mg/kg	10.30.19 19.14		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.31.19 12.00	Basis:	Wet Weight
Seq Number:	3106140				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.01.19 05.41	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.01.19 05.41	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.01.19 05.41	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.01.19 05.41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-135	11.01.19 05.41	
o-Terphenyl	84-15-1	85	%	70-135	11.01.19 05.41	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ISW-5**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-100	Date Collected:	10.23.19 11.50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	11.04.19 16.30	Basis:	Wet Weight
Seq Number:	3106455				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.04.19 21.34	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.04.19 21.34	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.04.19 21.34	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	11.04.19 21.34	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.04.19 21.34	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.04.19 21.34	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.04.19 21.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	45	%	70-130	11.04.19 21.34	**
1,4-Difluorobenzene	540-36-3	74	%	70-130	11.04.19 21.34	

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EOG Neptune 202

Sample Id: **ISW-6** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-101 Date Collected: 10.23.19 11.55

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.35 Basis: Wet Weight

Seq Number: 3105992

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**75.4**	5.05	mg/kg	10.30.19 19.34		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 10.00 Basis: Wet Weight

Seq Number: 3106136

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 17.51	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 17.51	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 17.51	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 17.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	82	%	70-135	10.31.19 17.51	
o-Terphenyl	84-15-1	85	%	70-135	10.31.19 17.51	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ISW-6**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-101	Date Collected:	10.23.19 11.55		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 18.00	Basis:	Wet Weight
Seq Number:	3106185				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.31.19 10.19	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.31.19 10.19	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.31.19 10.19	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.31.19 10.19	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.31.19 10.19	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.31.19 10.19	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.31.19 10.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	112	%	70-130	10.31.19 10.19	
1,4-Difluorobenzene	540-36-3	105	%	70-130	10.31.19 10.19	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ISW-7**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-102	Date Collected:	10.23.19 12.00		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	10.30.19 16.35	Basis:	Wet Weight
Seq Number:	3105992				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**25.3**	4.99	mg/kg	10.30.19 19.40		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	10.31.19 10.00	Basis:	Wet Weight
Seq Number:	3106136				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.31.19 18.09	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.31.19 18.09	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.31.19 18.09	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.31.19 18.09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-135	10.31.19 18.09	
o-Terphenyl	84-15-1	84	%	70-135	10.31.19 18.09	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ISW-7**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-102	Date Collected:	10.23.19 12.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 18.00	Basis:	Wet Weight
Seq Number:	3106185				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.31.19 10.39	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.31.19 10.39	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.31.19 10.39	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.31.19 10.39	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.31.19 10.39	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.31.19 10.39	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.31.19 10.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	88	%	70-130	10.31.19 10.39	
4-Bromofluorobenzene	460-00-4	93	%	70-130	10.31.19 10.39	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **NSW-4** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-103 Date Collected: 10.23.19 12.00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.35 Basis: Wet Weight

Seq Number: 3105992

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**391**	4.96	mg/kg	10.30.19 19.47		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 10.00 Basis: Wet Weight

Seq Number: 3106136

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 18.28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 18.28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 18.28	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 18.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-135	10.31.19 18.28	
o-Terphenyl	84-15-1	74	%	70-135	10.31.19 18.28	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**NSW-4**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-103	Date Collected:	10.23.19 12.00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 18.00	Basis:	Wet Weight
Seq Number:	3106185				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.31.19 10.59	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.31.19 10.59	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.31.19 10.59	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.31.19 10.59	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.31.19 10.59	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.31.19 10.59	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.31.19 10.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	109	%	70-130	10.31.19 10.59	
1,4-Difluorobenzene	540-36-3	107	%	70-130	10.31.19 10.59	

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Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **NSW-5** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-104 Date Collected: 10.23.19 12.05

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.35 Basis: Wet Weight

Seq Number: 3105992

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**185**	4.96	mg/kg	10.30.19 19.54		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 10.00 Basis: Wet Weight

Seq Number: 3106136

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 18.47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 18.47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 18.47	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 18.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	10.31.19 18.47	
o-Terphenyl	84-15-1	78	%	70-135	10.31.19 18.47	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**NSW-5**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-104	Date Collected:	10.23.19 12.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 18.00	Basis:	Wet Weight
Seq Number:	3106185				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.31.19 11.19	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.31.19 11.19	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.31.19 11.19	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.31.19 11.19	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.31.19 11.19	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.31.19 11.19	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.31.19 11.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	105	%	70-130	10.31.19 11.19	
4-Bromofluorobenzene	460-00-4	83	%	70-130	10.31.19 11.19	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **WSW-6** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-105 Date Collected: 10.23.19 12.10

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.35 Basis: Wet Weight

Seq Number: 3105992

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**5.89**	4.95	mg/kg	10.30.19 20.14		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 10.00 Basis: Wet Weight

Seq Number: 3106136

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.31.19 19.06	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.31.19 19.06	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.31.19 19.06	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.31.19 19.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-135	10.31.19 19.06	
o-Terphenyl	84-15-1	77	%	70-135	10.31.19 19.06	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**WSW-6**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-105	Date Collected:	10.23.19 12.10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 18.00	Basis:	Wet Weight
Seq Number:	3106185				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.31.19 14.17	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.31.19 14.17	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.31.19 14.17	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.31.19 14.17	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.31.19 14.17	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.31.19 14.17	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.31.19 14.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.31.19 14.17	
4-Bromofluorobenzene	460-00-4	99	%	70-130	10.31.19 14.17	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **NSW-6** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-106 Date Collected: 10.23.19 12.15

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.35 Basis: Wet Weight

Seq Number: 3105992

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8.23**	4.95	mg/kg	10.30.19 20.20		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 10.00 Basis: Wet Weight

Seq Number: 3106136

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 19.25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 19.25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 19.25	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 19.25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-135	10.31.19 19.25	
o-Terphenyl	84-15-1	73	%	70-135	10.31.19 19.25	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**NSW-6**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-106	Date Collected:	10.23.19 12.15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 18.00	Basis:	Wet Weight
Seq Number:	3106185				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.31.19 14.37	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.31.19 14.37	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.31.19 14.37	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.31.19 14.37	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.31.19 14.37	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.31.19 14.37	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.31.19 14.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.31.19 14.37	
4-Bromofluorobenzene	460-00-4	99	%	70-130	10.31.19 14.37	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id: **ESW-6** Matrix: Soil Date Received:10.30.19 11.45

Lab Sample Id: 641506-107 Date Collected: 10.23.19 12.20

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 10.30.19 16.35 Basis: Wet Weight

Seq Number: 3105992

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.95	4.95	mg/kg	10.30.19 20.27	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 10.31.19 10.00 Basis: Wet Weight

Seq Number: 3106136

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.31.19 19.44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.31.19 19.44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.31.19 19.44	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.31.19 19.44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-135	10.31.19 19.44	
o-Terphenyl	84-15-1	80	%	70-135	10.31.19 19.44	

Certificate of Analytical Results 641506

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**ESW-6**	Matrix:	Soil	Date Received:	10.30.19 11.45
Lab Sample Id:	641506-107	Date Collected:	10.23.19 12.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	10.30.19 18.00	Basis:	Wet Weight
Seq Number:	3106185				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.31.19 14.57	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.31.19 14.57	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.31.19 14.57	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.31.19 14.57	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.31.19 14.57	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.31.19 14.57	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.31.19 14.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	80	%	70-130	10.31.19 14.57	
1,4-Difluorobenzene	540-36-3	114	%	70-130	10.31.19 14.57	

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.

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 641506

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105968 — Matrix: Solid — Date Prep: 10.30.19
MB Sample Id: 7689265-1-BLK — LCS Sample Id: 7689265-1-BKS — LCSD Sample Id: 7689265-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.858	250	257	103	257	103	90-110	0	20	mg/kg	10.30.19 15:01	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105970 — Matrix: Solid — Date Prep: 10.30.19
MB Sample Id: 7689266-1-BLK — LCS Sample Id: 7689266-1-BKS — LCSD Sample Id: 7689266-1-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	233	93	234	94	90-110	0	20	mg/kg	10.30.19 16:33	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105971 — Matrix: Solid — Date Prep: 10.30.19
MB Sample Id: 7689267-1-BLK — LCS Sample Id: 7689267-1-BKS — LCSD Sample Id: 7689267-1-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	240	96	238	95	90-110	1	20	mg/kg	10.30.19 17:42	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105973 — Matrix: Solid — Date Prep: 10.30.19
MB Sample Id: 7689268-1-BLK — LCS Sample Id: 7689268-1-BKS — LCSD Sample Id: 7689268-1-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	241	96	240	96	90-110	0	20	mg/kg	10.30.19 20:37	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105976 — Matrix: Solid — Date Prep: 10.30.19
MB Sample Id: 7689269-1-BLK — LCS Sample Id: 7689269-1-BKS — LCSD Sample Id: 7689269-1-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	232	93	231	92	90-110	0	20	mg/kg	10.30.19 19:45	

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

QC Summary 641506

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105992 — Matrix: Solid — Date Prep: 10.30.19
MB Sample Id: 7689270-1-BLK — LCS Sample Id: 7689270-1-BKS — LCSD Sample Id: 7689270-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.858	250	246	98	246	98	90-110	0	20	mg/kg	10.30.19 19:00	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105968 — Matrix: Soil — Date Prep: 10.30.19
Parent Sample Id: 641506-001 — MS Sample Id: 641506-001 S — MSD Sample Id: 641506-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	14.2	250	261	99	259	98	90-110	1	20	mg/kg	10.30.19 18:21	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105968 — Matrix: Soil — Date Prep: 10.30.19
Parent Sample Id: 641506-010 — MS Sample Id: 641506-010 S — MSD Sample Id: 641506-010 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	725	248	944	88	947	90	90-110	0	20	mg/kg	10.30.19 16:54	X

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105970 — Matrix: Soil — Date Prep: 10.30.19
Parent Sample Id: 641506-020 — MS Sample Id: 641506-020 S — MSD Sample Id: 641506-020 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	49.7	250	300	100	296	99	90-110	1	20	mg/kg	10.30.19 16:51	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105970 — Matrix: Soil — Date Prep: 10.30.19
Parent Sample Id: 641506-030 — MS Sample Id: 641506-030 S — MSD Sample Id: 641506-030 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	473	198	677	103	675	102	90-110	0	20	mg/kg	10.30.19 18:12	

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

QC Summary 641506

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105971 — Matrix: Soil — Date Prep: 10.30.19
Parent Sample Id: 641506-040 — MS Sample Id: 641506-040 S — MSD Sample Id: 641506-040 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	108	249	355	99	352	98	90-110	1	20	mg/kg	10.30.19 17:57	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105971 — Matrix: Soil — Date Prep: 10.30.19
Parent Sample Id: 641506-050 — MS Sample Id: 641506-050 S — MSD Sample Id: 641506-050 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	51.7	250	295	97	294	97	90-110	0	20	mg/kg	10.30.19 19:09	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105973 — Matrix: Soil — Date Prep: 10.30.19
Parent Sample Id: 641506-060 — MS Sample Id: 641506-060 S — MSD Sample Id: 641506-060 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	154	252	390	94	390	94	90-110	0	20	mg/kg	10.30.19 20:52	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105973 — Matrix: Soil — Date Prep: 10.30.19
Parent Sample Id: 641506-070 — MS Sample Id: 641506-070 S — MSD Sample Id: 641506-070 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	154	250	383	92	384	92	90-110	0	20	mg/kg	10.30.19 22:04	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3105976 — Matrix: Soil — Date Prep: 10.30.19
Parent Sample Id: 641506-082 — MS Sample Id: 641506-082 S — MSD Sample Id: 641506-082 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	93.1	200	266	86	267	87	90-110	0	20	mg/kg	10.30.19 20:03	X

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

QC Summary 641506

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: Chloride by EPA 300 | Prep Method: E300P
Seq Number: 3105976 | Matrix: Soil | Date Prep: 10.30.19
Parent Sample Id: 641506-090 | MS Sample Id: 641506-090 S | MSD Sample Id: 641506-090 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	47.4	198	256	105	254	104	90-110	1	20	mg/kg	10.30.19 21:24	

Analytical Method: Chloride by EPA 300 | Prep Method: E300P
Seq Number: 3105992 | Matrix: Soil | Date Prep: 10.30.19
Parent Sample Id: 641434-006 | MS Sample Id: 641434-006 S | MSD Sample Id: 641434-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	148	248	376	92	378	93	90-110	1	20	mg/kg	10.30.19 20:53	

Analytical Method: Chloride by EPA 300 | Prep Method: E300P
Seq Number: 3105992 | Matrix: Soil | Date Prep: 10.30.19
Parent Sample Id: 641506-100 | MS Sample Id: 641506-100 S | MSD Sample Id: 641506-100 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	351	250	570	88	568	87	90-110	0	20	mg/kg	10.30.19 19:20	X

Analytical Method: TPH By SW8015 Mod | Prep Method: SW8015P
Seq Number: 3105994 | Matrix: Solid | Date Prep: 10.30.19
MB Sample Id: 7689275-1-BLK | LCS Sample Id: 7689275-1-BKS | LCSD Sample Id: 7689275-1-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)	<15.0	1000	1040	104	1030	103	70-135	1	20	mg/kg	10.30.19 21:49	
Diesel Range Organics (DRO)	<15.0	1000	1010	101	995	100	70-135	1	20	mg/kg	10.30.19 21:49	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	89		107		114		70-135	%	10.30.19 21:49
o-Terphenyl	87		98		93		70-135	%	10.30.19 21:49

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

QC Summary 641506

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3105996 — Matrix: Solid — Date Prep: 10.30.19
MB Sample Id: 7689277-1-BLK — LCS Sample Id: 7689277-1-BKS — LCSD Sample Id: 7689277-1-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)	<15.0	1000	1100	110	1090	109	70-135	1	20	mg/kg	10.30.19 21:48	
Diesel Range Organics (DRO)	<15.0	1000	1190	119	1190	119	70-135	0	20	mg/kg	10.30.19 21:48	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	105		116		110		70-135	%	10.30.19 21:48
o-Terphenyl	108		104		105		70-135	%	10.30.19 21:48

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3105998 — Matrix: Solid — Date Prep: 10.30.19
MB Sample Id: 7689276-1-BLK — LCS Sample Id: 7689276-1-BKS — LCSD Sample Id: 7689276-1-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)	<15.0	1000	931	93	862	86	70-135	8	20	mg/kg	10.30.19 21:48	
Diesel Range Organics (DRO)	<15.0	1000	989	99	905	91	70-135	9	20	mg/kg	10.30.19 21:48	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	74		89		85		70-135	%	10.30.19 21:48
o-Terphenyl	74		92		82		70-135	%	10.30.19 21:48

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3106136 — Matrix: Solid — Date Prep: 10.31.19
MB Sample Id: 7689297-1-BLK — LCS Sample Id: 7689297-1-BKS — LCSD Sample Id: 7689297-1-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)	<15.0	1000	1010	101	1030	103	70-135	2	20	mg/kg	10.31.19 12:31	
Diesel Range Organics (DRO)	<15.0	1000	984	98	989	99	70-135	1	20	mg/kg	10.31.19 12:31	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	90		112		107		70-135	%	10.31.19 12:31
o-Terphenyl	89		94		90		70-135	%	10.31.19 12:31

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

QC Summary 641506

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3106139 — Matrix: Solid — Date Prep: 10.31.19
MB Sample Id: 7689300-1-BLK — LCS Sample Id: 7689300-1-BKS — LCSD Sample Id: 7689300-1-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	977	98	1010	101	70-135	3	20	mg/kg	10.31.19 11:52	
Diesel Range Organics (DRO)	<15.0	1000	1050	105	1070	107	70-135	2	20	mg/kg	10.31.19 11:52	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	92		118		96		70-135	%	10.31.19 11:52
o-Terphenyl	92		98		94		70-135	%	10.31.19 11:52

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3106140 — Matrix: Solid — Date Prep: 10.31.19
MB Sample Id: 7689301-1-BLK — LCS Sample Id: 7689301-1-BKS — LCSD Sample Id: 7689301-1-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	1080	108	1030	103	70-135	5	20	mg/kg	10.31.19 21:16	
Diesel Range Organics (DRO)	<15.0	1000	1130	113	1100	110	70-135	3	20	mg/kg	10.31.19 21:16	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	93		104		102		70-135	%	10.31.19 21:16
o-Terphenyl	89		98		99		70-135	%	10.31.19 21:16

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3105994 — Matrix: Solid — Date Prep: 10.30.19
MB Sample Id: 7689275-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.30.19 21:30	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3105996 — Matrix: Solid — Date Prep: 10.30.19
MB Sample Id: 7689277-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.30.19 21:27	

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

QC Summary 641506

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3105998 — Matrix: Solid — Date Prep: 10.30.19
MB Sample Id: 7689276-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.30.19 21:27	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3106136 — Matrix: Solid — Date Prep: 10.31.19
MB Sample Id: 7689297-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.31.19 12:12	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3106139 — Matrix: Solid — Date Prep: 10.31.19
MB Sample Id: 7689300-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.31.19 11:31	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3106140 — Matrix: Solid — Date Prep: 10.31.19
MB Sample Id: 7689301-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.31.19 20:55	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3105994 — Matrix: Soil — Date Prep: 10.30.19
Parent Sample Id: 641506-001 — MS Sample Id: 641506-001 S — MSD Sample Id: 641506-001 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)	<15.0	997	1120	112	1120	112	70-135	0	20	mg/kg	10.30.19 22:46	
Diesel Range Organics (DRO)	<15.0	997	1080	108	1080	108	70-135	0	20	mg/kg	10.30.19 22:46	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	110		112		70-135	%	10.30.19 22:46
o-Terphenyl	98		98		70-135	%	10.30.19 22:46

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

QC Summary 641506

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: TPH By SW8015 Mod | Prep Method: SW8015P
Seq Number: 3105996 | Matrix: Soil | Date Prep: 10.30.19
Parent Sample Id: 641506-041 | MS Sample Id: 641506-041 S | MSD Sample Id: 641506-041 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)	16.2	998	937	92	987	97	70-135	5	20	mg/kg	10.30.19 22:50	
Diesel Range Organics (DRO)	<15.0	998	954	96	1040	104	70-135	9	20	mg/kg	10.30.19 22:50	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	101		100		70-135	%	10.30.19 22:50
o-Terphenyl	91		96		70-135	%	10.30.19 22:50

Analytical Method: TPH By SW8015 Mod | Prep Method: SW8015P
Seq Number: 3105998 | Matrix: Soil | Date Prep: 10.30.19
Parent Sample Id: 641506-021 | MS Sample Id: 641506-021 S | MSD Sample Id: 641506-021 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)	<15.0	999	835	84	868	87	70-135	4	20	mg/kg	10.30.19 22:50	
Diesel Range Organics (DRO)	<15.0	999	875	88	919	92	70-135	5	20	mg/kg	10.30.19 22:50	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	93		90		70-135	%	10.30.19 22:50
o-Terphenyl	84		90		70-135	%	10.30.19 22:50

Analytical Method: TPH By SW8015 Mod | Prep Method: SW8015P
Seq Number: 3106136 | Matrix: Soil | Date Prep: 10.31.19
Parent Sample Id: 641434-021 | MS Sample Id: 641434-021 S | MSD Sample Id: 641434-021 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)	<15.0	997	1010	101	1030	103	70-135	2	20	mg/kg	10.31.19 13:28	
Diesel Range Organics (DRO)	<15.0	997	989	99	998	100	70-135	1	20	mg/kg	10.31.19 13:28	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	108		111		70-135	%	10.31.19 13:28
o-Terphenyl	94		96		70-135	%	10.31.19 13:28

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

QC Summary 641506

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: TPH By SW8015 Mod | Prep Method: SW8015P
Seq Number: 3106139 | Matrix: Soil | Date Prep: 10.31.19
Parent Sample Id: 641506-061 | MS Sample Id: 641506-061 S | MSD Sample Id: 641506-061 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)	<15.0	998	989	99	1050	105	70-135	6	20	mg/kg	10.31.19 12:55	
Diesel Range Organics (DRO)	<15.0	998	1050	105	1120	112	70-135	6	20	mg/kg	10.31.19 12:55	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	109		121		70-135	%	10.31.19 12:55
o-Terphenyl	99		104		70-135	%	10.31.19 12:55

Analytical Method: TPH By SW8015 Mod | Prep Method: SW8015P
Seq Number: 3106140 | Matrix: Soil | Date Prep: 10.31.19
Parent Sample Id: 641506-081 | MS Sample Id: 641506-081 S | MSD Sample Id: 641506-081 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)	22.0	997	972	95	983	96	70-135	1	20	mg/kg	10.31.19 22:20	
Diesel Range Organics (DRO)	<15.0	997	1040	104	1070	107	70-135	3	20	mg/kg	10.31.19 22:20	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	94		96		70-135	%	10.31.19 22:20
o-Terphenyl	90		92		70-135	%	10.31.19 22:20

Analytical Method: BTEX by EPA 8021B | Prep Method: SW5030B
Seq Number: 3106021 | Matrix: Solid | Date Prep: 10.30.19
MB Sample Id: 7689254-1-BLK | LCS Sample Id: 7689254-1-BKS | LCSD Sample Id: 7689254-1-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	0.101	101	0.107	107	70-130	6	35	mg/kg	10.30.19 22:09	
Toluene	<0.00200	0.100	0.0974	97	0.104	104	70-130	7	35	mg/kg	10.30.19 22:09	
Ethylbenzene	<0.00200	0.100	0.0996	100	0.108	108	70-130	8	35	mg/kg	10.30.19 22:09	
m,p-Xylenes	<0.00400	0.200	0.203	102	0.221	111	70-130	8	35	mg/kg	10.30.19 22:09	
o-Xylene	<0.00200	0.100	0.101	101	0.109	109	70-130	8	35	mg/kg	10.30.19 22:09	

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	%	10.30.19 22:09
4-Bromofluorobenzene	93		99		101		70-130	%	10.30.19 22:09

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
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

Final 1.000

QC Summary 641506

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3106132 — Matrix: Solid — Date Prep: 10.30.19
MB Sample Id: 7689281-1-BLK — LCS Sample Id: 7689281-1-BKS — LCSD Sample Id: 7689281-1-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	0.113	113	0.0808	81	70-130	33	35	mg/kg	10.31.19 08:47	
Toluene	<0.00200	0.100	0.106	106	0.0612	61	70-130	54	35	mg/kg	10.31.19 08:47	LF
Ethylbenzene	<0.00200	0.100	0.106	106	0.0602	60	70-130	55	35	mg/kg	10.31.19 08:47	LF
m,p-Xylenes	<0.00400	0.200	0.213	107	0.112	56	70-130	62	35	mg/kg	10.31.19 08:47	LF
o-Xylene	<0.00200	0.100	0.108	108	0.0519	52	70-130	70	35	mg/kg	10.31.19 08:47	LF

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	97		98		107		70-130	%	10.31.19 08:47
4-Bromofluorobenzene	95		99		64	**	70-130	%	10.31.19 08:47

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3106185 — Matrix: Solid — Date Prep: 10.30.19
MB Sample Id: 7689280-1-BLK — LCS Sample Id: 7689280-1-BKS — LCSD Sample Id: 7689280-1-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	0.107	107	0.111	111	70-130	4	35	mg/kg	10.30.19 23:25	
Toluene	<0.00200	0.100	0.100	100	0.104	104	70-130	4	35	mg/kg	10.30.19 23:25	
Ethylbenzene	<0.00200	0.100	0.0970	97	0.101	101	70-130	4	35	mg/kg	10.30.19 23:25	
m,p-Xylenes	<0.00400	0.200	0.196	98	0.207	104	70-130	5	35	mg/kg	10.30.19 23:25	
o-Xylene	<0.00200	0.100	0.0912	91	0.0993	99	70-130	9	35	mg/kg	10.30.19 23:25	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	92		101		102		70-130	%	10.30.19 23:25
4-Bromofluorobenzene	89		101		112		70-130	%	10.30.19 23:25

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3106133 — Matrix: Solid — Date Prep: 10.31.19
MB Sample Id: 7689363-1-BLK — LCS Sample Id: 7689363-1-BKS — LCSD Sample Id: 7689363-1-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	0.102	102	0.105	105	70-130	3	35	mg/kg	10.31.19 19:26	
Toluene	<0.00200	0.100	0.100	100	0.106	106	70-130	6	35	mg/kg	10.31.19 19:26	
Ethylbenzene	<0.00200	0.100	0.102	102	0.110	110	70-130	8	35	mg/kg	10.31.19 19:26	
m,p-Xylenes	<0.00400	0.200	0.209	105	0.226	113	70-130	8	35	mg/kg	10.31.19 19:26	
o-Xylene	<0.00200	0.100	0.104	104	0.116	116	70-130	11	35	mg/kg	10.31.19 19:26	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	94		96		96		70-130	%	10.31.19 19:26
4-Bromofluorobenzene	95		100		116		70-130	%	10.31.19 19:26

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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EOG Neptune 202

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3106274 — Matrix: Solid — Date Prep: 10.31.19
MB Sample Id: 7689365-1-BLK — LCS Sample Id: 7689365-1-BKS — LCSD Sample Id: 7689365-1-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	0.104	104	0.105	105	70-130	1	35	mg/kg	11.01.19 06:05	
Toluene	<0.00200	0.100	0.102	102	0.109	109	70-130	7	35	mg/kg	11.01.19 06:05	
Ethylbenzene	<0.00200	0.100	0.104	104	0.118	118	70-130	13	35	mg/kg	11.01.19 06:05	
m,p-Xylenes	<0.00400	0.200	0.210	105	0.245	123	70-130	15	35	mg/kg	11.01.19 06:05	
o-Xylene	<0.00200	0.100	0.107	107	0.120	120	70-130	11	35	mg/kg	11.01.19 06:05	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	97		96		94		70-130	%	11.01.19 06:05
4-Bromofluorobenzene	97		106		110		70-130	%	11.01.19 06:05

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3106320 — Matrix: Solid — Date Prep: 10.31.19
MB Sample Id: 7689367-1-BLK — LCS Sample Id: 7689367-1-BKS — LCSD Sample Id: 7689367-1-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	0.0882	88	0.103	103	70-130	15	35	mg/kg	11.01.19 07:55	
Toluene	<0.00200	0.100	0.0851	85	0.0950	95	70-130	11	35	mg/kg	11.01.19 07:55	
Ethylbenzene	<0.00200	0.100	0.0790	79	0.0940	94	70-130	17	35	mg/kg	11.01.19 07:55	
m,p-Xylenes	<0.00400	0.200	0.157	79	0.190	95	70-130	19	35	mg/kg	11.01.19 07:55	
o-Xylene	<0.00200	0.100	0.0774	77	0.0908	91	70-130	16	35	mg/kg	11.01.19 07:55	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	101		100		104		70-130	%	11.01.19 07:55
4-Bromofluorobenzene	92		88		107		70-130	%	11.01.19 07:55

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3106455 — Matrix: Solid — Date Prep: 11.04.19
MB Sample Id: 7689580-1-BLK — LCS Sample Id: 7689580-1-BKS — LCSD Sample Id: 7689580-1-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	0.0991	99	0.101	101	70-130	2	35	mg/kg	11.04.19 19:34	
Toluene	<0.00200	0.100	0.101	101	0.0982	98	70-130	3	35	mg/kg	11.04.19 19:34	
Ethylbenzene	<0.00200	0.100	0.101	101	0.101	101	70-130	0	35	mg/kg	11.04.19 19:34	
m,p-Xylenes	<0.00400	0.200	0.205	103	0.206	103	70-130	0	35	mg/kg	11.04.19 19:34	
o-Xylene	<0.00200	0.100	0.0990	99	0.0946	95	70-130	5	35	mg/kg	11.04.19 19:34	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	97		97		101		70-130	%	11.04.19 19:34
4-Bromofluorobenzene	96		108		110		70-130	%	11.04.19 19:34

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

QC Summary 641506

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3106021 — Matrix: Soil — Date Prep: 10.30.19
Parent Sample Id: 641506-001 — MS Sample Id: 641506-001 S — MSD Sample Id: 641506-001 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	0.0960	96	0.0925	93	70-130	4	35	mg/kg	10.30.19 22:49	
Toluene	<0.00200	0.0998	0.0936	94	0.0935	94	70-130	0	35	mg/kg	10.30.19 22:49	
Ethylbenzene	<0.00200	0.0998	0.0961	96	0.0974	98	70-130	1	35	mg/kg	10.30.19 22:49	
m,p-Xylenes	<0.00399	0.200	0.197	99	0.200	100	70-130	2	35	mg/kg	10.30.19 22:49	
o-Xylene	<0.00200	0.0998	0.0989	99	0.101	101	70-130	2	35	mg/kg	10.30.19 22:49	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	101		98		70-130	%	10.30.19 22:49
4-Bromofluorobenzene	109		111		70-130	%	10.30.19 22:49

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3106132 — Matrix: Soil — Date Prep: 10.30.19
Parent Sample Id: 641506-021 — MS Sample Id: 641506-021 S — MSD Sample Id: 641506-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00198	0.0992	0.102	103	0.0920	91	70-130	10	35	mg/kg	10.31.19 09:27	
Toluene	<0.00198	0.0992	0.0945	95	0.0794	79	70-130	17	35	mg/kg	10.31.19 09:27	
Ethylbenzene	<0.00198	0.0992	0.0969	98	0.0788	78	70-130	21	35	mg/kg	10.31.19 09:27	
m,p-Xylenes	<0.00397	0.198	0.195	98	0.157	78	70-130	22	35	mg/kg	10.31.19 09:27	
o-Xylene	<0.00198	0.0992	0.106	107	0.0871	86	70-130	20	35	mg/kg	10.31.19 09:27	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	100		100		70-130	%	10.31.19 09:27
4-Bromofluorobenzene	114		107		70-130	%	10.31.19 09:27

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3106185 — Matrix: Soil — Date Prep: 10.30.19
Parent Sample Id: 641506-101 — MS Sample Id: 641506-101 S — MSD Sample Id: 641506-101 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00198	0.0992	0.0913	92	0.0822	82	70-130	10	35	mg/kg	10.31.19 00:05	
Toluene	<0.00198	0.0992	0.0852	86	0.0803	80	70-130	6	35	mg/kg	10.31.19 00:05	
Ethylbenzene	<0.00198	0.0992	0.0841	85	0.0794	79	70-130	6	35	mg/kg	10.31.19 00:05	
m,p-Xylenes	<0.00397	0.198	0.170	86	0.162	81	70-130	5	35	mg/kg	10.31.19 00:05	
o-Xylene	<0.00198	0.0992	0.0809	82	0.0772	77	70-130	5	35	mg/kg	10.31.19 00:05	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	104		101		70-130	%	10.31.19 00:05
4-Bromofluorobenzene	109		109		70-130	%	10.31.19 00:05

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

QC Summary 641506

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3106133 — Matrix: Soil — Date Prep: 10.31.19
Parent Sample Id: 641506-041 — MS Sample Id: 641506-041 S — MSD Sample Id: 641506-041 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00198	0.0992	0.0910	92	0.0996	100	70-130	9	35	mg/kg	10.31.19 20:06	
Toluene	<0.00198	0.0992	0.0913	92	0.0970	97	70-130	6	35	mg/kg	10.31.19 20:06	
Ethylbenzene	<0.00198	0.0992	0.0915	92	0.0976	98	70-130	6	35	mg/kg	10.31.19 20:06	
m,p-Xylenes	<0.00397	0.198	0.186	94	0.199	100	70-130	7	35	mg/kg	10.31.19 20:06	
o-Xylene	<0.00198	0.0992	0.0950	96	0.103	103	70-130	8	35	mg/kg	10.31.19 20:06	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	98		99		70-130	%	10.31.19 20:06
4-Bromofluorobenzene	122		113		70-130	%	10.31.19 20:06

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3106274 — Matrix: Soil — Date Prep: 10.31.19
Parent Sample Id: 641506-061 — MS Sample Id: 641506-061 S — MSD Sample Id: 641506-061 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.102	102	0.102	103	70-130	0	35	mg/kg	11.01.19 10:53	
Toluene	<0.00200	0.100	0.0997	100	0.0929	93	70-130	7	35	mg/kg	11.01.19 10:53	
Ethylbenzene	<0.00200	0.100	0.101	101	0.0895	90	70-130	12	35	mg/kg	11.01.19 10:53	
m,p-Xylenes	<0.00401	0.200	0.207	104	0.183	92	70-130	12	35	mg/kg	11.01.19 10:53	
o-Xylene	<0.00200	0.100	0.103	103	0.0937	94	70-130	9	35	mg/kg	11.01.19 10:53	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	99		99		70-130	%	11.01.19 10:53
4-Bromofluorobenzene	106		101		70-130	%	11.01.19 10:53

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3106320 — Matrix: Soil — Date Prep: 10.31.19
Parent Sample Id: 641506-081 — MS Sample Id: 641506-081 S — MSD Sample Id: 641506-081 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	0.0798	80	0.0776	78	70-130	3	35	mg/kg	11.01.19 08:35	
Toluene	<0.00200	0.0998	0.0743	74	0.0725	73	70-130	2	35	mg/kg	11.01.19 08:35	
Ethylbenzene	<0.00200	0.0998	0.0724	73	0.0699	70	70-130	4	35	mg/kg	11.01.19 08:35	
m,p-Xylenes	<0.00399	0.200	0.141	71	0.137	69	70-130	3	35	mg/kg	11.01.19 08:35	X
o-Xylene	<0.00200	0.0998	0.0650	65	0.0621	63	70-130	5	35	mg/kg	11.01.19 08:35	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	104		107		70-130	%	11.01.19 08:35
4-Bromofluorobenzene	102		104		70-130	%	11.01.19 08:35

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

QC Summary 641506

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B

Seq Number: 3106455 Matrix: Soil Date Prep: 11.04.19

Parent Sample Id: 641715-001 MS Sample Id: 641715-001 S MSD Sample Id: 641715-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00202	0.101	0.0849	84	0.0863	86	70-130	2	35	mg/kg	11.04.19 20:14	
Toluene	<0.00202	0.101	0.0805	80	0.0878	88	70-130	9	35	mg/kg	11.04.19 20:14	
Ethylbenzene	<0.00202	0.101	0.0835	83	0.0856	86	70-130	2	35	mg/kg	11.04.19 20:14	
m,p-Xylenes	<0.00403	0.202	0.166	82	0.174	87	70-130	5	35	mg/kg	11.04.19 20:14	
o-Xylene	<0.00202	0.101	0.0800	79	0.0814	81	70-130	2	35	mg/kg	11.04.19 20:14	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	103		99		70-130	%	11.04.19 20:14
4-Bromofluorobenzene	115		106		70-130	%	11.04.19 20:14

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

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Analysis Request of Chain of Custody Record

1041504

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 99	10/22/2019	17:10		X				X			1		X		X												X							
	Bottom Hole - 100	10/22/2019	17:15		X				X			1		X		X												X							
	Bottom Hole - 101	10/22/2019	17:20		X				X			1		X		X												X							
	Bottom Hole - 102	10/22/2019	17:25		X				X			1		X		X												X							
	Bottom Hole - 103	10/22/2019	17:30		X				X			1		X		X												X							
	Bottom Hole - 104	10/22/2019	17:35		X				X			1		X		X												X							
	Bottom Hole - 105	10/22/2019	17:40		X				X			1		X		X												X							
	Bottom Hole - 106	10/22/2019	17:45		X				X			1		X		X												X							
	Bottom Hole - 107	10/22/2019	17:50		X				X			1		X		X												X							
	Bottom Hole - 108	10/22/2019	17:55		X				X			1		X		X												X							

Relinquished by: Clint Merritt	Date: 10/30	Time: 11:45	Received by: [illegible] 10/30/19 1145
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY

Sample Temperature
0410.4
-0.2 28

REMARKS:

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

1041506

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Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 109	10/22/2019	18:00		X				X			1		X		X												X							
	Bottom Hole - 110	10/22/2019	18:05		X				X			1		X		X												X							
	Bottom Hole - 111	10/22/2019	18:10		X				X			1		X		X												X							
	Bottom Hole - 112	10/22/2019	18:15		X				X			1		X		X												X							
	Bottom Hole - 113	10/22/2019	18:20		X				X			1		X		X												X							
	Bottom Hole - 114	10/22/2019	18:25		X				X			1		X		X												X							
	Bottom Hole - 115	10/22/2019	18:30		X				X			1		X		X												X							
	Bottom Hole - 116	10/22/2019	18:35		X				X			1		X		X												X							
	Bottom Hole - 117	10/22/2019	18:40		X				X			1		X		X												X							
	Bottom Hole - 118	10/22/2019	18:45		X				X			1		X		X												X							

Relinquished by: Clint	Date: 10/30	Time: 11:45	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY

Sample Temperature

REMARKS:

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

10415cp

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B / BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCBs 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 119		18:50		X			X	1		X		X												X							
	Bottom Hole - 120		18:55		X			X	1		X		X												X							
	Bottom Hole - 121		19:00		X			X	1		X		X												X							
	Bottom Hole - 122		19:05		X			X	1		X		X												X							
	Bottom Hole - 123		19:10		X			X	1		X		X												X							
	Bottom Hole - 124		19:15		X			X	1		X		X												X							
	Bottom Hole - 125		19:20		X			X	1		X		X												X							
	Bottom Hole - 126		19:25		X			X	1		X		X												X							
	Bottom Hole - 127		19:30		X			X	1		X		X												X							
	Bottom Hole - 128		19:35		X			X	1		X		X												X							

Relinquished by: Clint	Date: 10/30	Time: 11:45	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY

Sample Temperature

REMARKS:

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

10/15/26

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
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	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 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 129	10/22/2019	19:40		X				X			1		X		X												X							
	Bottom Hole - 130	10/22/2019	19:45		X				X			1		X		X												X							
	Bottom Hole - 131	10/22/2019	19:50		X				X			1		X		X												X							
	Bottom Hole - 132	10/22/2019	19:55		X				X			1		X		X												X							
	Bottom Hole - 133	10/22/2019	20:00		X				X			1		X		X												X							
	Bottom Hole - 134	10/22/2019	20:05		X				X			1		X		X												X							
	Bottom Hole - 135	10/22/2019	20:10		X				X			1		X		X												X							
	Bottom Hole - 136	10/22/2019	20:15		X				X			1		X		X												X							
	Bottom Hole - 137	10/22/2019	20:20		X				X			1		X		X												X							
	Bottom Hole - 138	10/22/2019	20:25		X				X			1		X		X												X							

Relinquished by: Clint Merritt	Date: 10/30	Time: 11:45	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY

Sample Temperature

REMARKS:

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

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Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 139	10/22/2019	20:30		X			X	1		X		X												X							
	Bottom Hole - 140	10/22/2019	20:35		X			X	1		X		X												X							
	Bottom Hole - 141	10/22/2019	20:40		X			X	1		X		X												X							
	Bottom Hole - 142	10/22/2019	20:45		X			X	1		X		X												X							
	Bottom Hole - 143	10/22/2019	20:50		X			X	1		X		X												X							
	Bottom Hole - 144	10/22/2019	20:55		X			X	1		X		X												X							
	Bottom Hole - 145	10/22/2019	21:00		X			X	1		X		X												X							
	Bottom Hole - 146	10/22/2019	21:05		X			X	1		X		X												X							
	Bottom Hole - 147	10/22/2019	21:10		X			X	1		X		X												X							
	Bottom Hole - 148	10/22/2019	21:15		X			X	1		X		X												X							

Relinquished by: Clint Merritt	Date: 10/30	Time: 11:45	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY

Sample Temperature

REMARKS:

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

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Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 149	10/22/2019	21:20		X			X	1		X		X												X							
	Bottom Hole - 150	10/22/2019	21:25		X			X	1		X		X												X							
	Bottom Hole - 151	10/24/2019	16:00		X			X	1		X		X												X							
	Bottom Hole - 152	10/24/2019	16:05		X			X	1		X		X												X							
	Bottom Hole - 153	10/24/2019	16:10		X			X	1		X		X												X							
	Bottom Hole - 154	10/24/2019	16:15		X			X	1		X		X												X							
	Bottom Hole - 155	10/22/2019	21:30		X			X	1		X		X												X							
	Bottom Hole - 156	10/22/2019	21:35		X			X	1		X		X												X							
	Bottom Hole - 157	10/22/2019	21:40		X			X	1		X		X												X							
	Bottom Hole - 158	10/22/2019	21:45		X			X	1		X		X												X							

Relinquished by: Clair	Date: 10/30	Time: 11:45	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY

Sample Temperature

REMARKS:

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 159	10/22/2019	21:50		X				X			1		X		X												X							
	Bottom Hole - 160	10/22/2019	21:55		X				X			1		X		X												X							
	Bottom Hole - 161	10/22/2019	22:00		X				X			1		X		X												X							
	Bottom Hole - 162	10/22/2019	22:05		X				X			1		X		X												X							
	Bottom Hole - 163	10/22/2019	22:10		X				X			1		X		X												X							
	Bottom Hole - 164	10/22/2019	22:15		X				X			1		X		X												X							
	Bottom Hole - 165	10/22/2019	22:20		X				X			1		X		X												X							
	Bottom Hole - 166	10/22/2019	22:25		X				X			1		X		X												X							
	Bottom Hole - 167	10/22/2019	22:30		X				X			1		X		X												X							
	Bottom Hole - 168	10/22/2019	22:35		X				X			1		X		X												X							

Relinquished by: Clint Merritt	Date: 10/30	Time: 11:45	Received by: [signature] Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY

Sample Temperature

REMARKS:

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

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Analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	TIME	MATRIX WATER	SOIL	PRESERVATIVE METHOD HCL	HNO_3	ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	Bottom Hole - 169	10/22/2019	22:40		X			X	1		X		X													X							
	Bottom Hole - 170	10/22/2019	22:45		X			X	1		X		X													X							
	Bottom Hole - 171	10/22/2019	16:20		X			X	1		X		X													X							
	Bottom Hole - 172	10/22/2019	16:25		X			X	1		X		X													X							
	Bottom Hole - 173	10/22/2019	16:30		X			X	1		X		X													X							
	Bottom Hole - 174	10/22/2019	16:35		X			X	1		X		X													X							
	Bottom Hole - 175	10/22/2019	16:40		X			X	1		X		X													X							
	NWSW (small)	10/23/2019	10:00		X			X	1		X		X													X							
	SESW (small)	10/23/2019	10:05		X			X	1		X		X													X							
	NSW-1	10/23/2019	10:10		X			X	1		X		X													X							

Relinquished by: Clint	Date: 10/30	Time: 11:45	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY

Sample Temperature

REMARKS:

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

L041520

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	TIME	MATRIX WATER	SOIL		PRESERVATIVE METHOD HCL	HNO_3	ICE			# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	WSW-1	10/23/2019	10:15		X				X			1		X			X												X								
	WSW-2	10/23/2019	10:20		X				X			1		X			X												X								
	WSW-3	10/23/2019	10:25		X				X			1		X			X												X								
	WSW-4	10/23/2019	10:30		X				X			1		X			X												X								
	WSW-5	10/23/2019	10:35		X				X			1		X			X												X								
	SSW-2	10/23/2019	10:40		X				X			1		X			X												X								
	SSW-3	10/23/2019	10:45		X				X			1		X			X												X								
	ESW-1	10/23/2019	10:50		X				X			1		X			X												X								
	NSW-2	10/23/2019	10:55		X				X			1		X			X												X								
	ESW-2	10/23/2019	11:00		X				X			1		X			X												X								

ANALYSIS REQUEST
(Circle or Specify Method No.)

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Clint Merritt	10/30	11:45			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature

REMARKS:

☐ **RUSH:** Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

1641540

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	ESW-3	10/23/2019	11:05		X				X			1		X		X												X							
	NSW-4	10/23/2019	11:10		X				X			1		X		X												X							
	ESW-4	10/23/2019	11:15		X				X			1		X		X												X							
	SSW-1	10/23/2019	11:20		X				X			1		X		X												X							
	ESW-5	10/23/2019	11:25		X				X			1		X		X												X							
	ISW-1	10/23/2019	11:30		X				X			1		X		X												X							
	ISW-2	10/23/2019	11:35		X				X			1		X		X												X							
	ISW-3	10/23/2019	11:40		X				X			1		X		X												X							
	ISW-4	10/23/2019	11:45		X				X			1		X		X												X							
	ISW-5	10/23/2019	11:50		X				X			1		X		X												X							

Relinquished by: Clint	Date: 10/30	Time: 11:45	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Received by:	Date: Time:
Received by:	Date: Time:
Received by:	Date: Time:

LAB USE ONLY

Sample Temperature

REMARKS:

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

1041520

Tetra Tech, Inc.

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

Client Name: EOG	**Site Manager:** Clair Gonzales
Project Name: Neptune 202	
Project Location: (county, state) Lea Co, NM	**Project #:** 212C-MD-01841
Invoice to:	
Receiving Laboratory: Xenco	**Sampler Signature:** Clint Merritt
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TOX			Hold
	ISW-6	10/23/2019	11:55		X				X			1		X		X												X							
	ISW-7	10/23/2019	12:00		X				X			1		X		X												X							
	NSW-4	10/23/2019	12:00		X				X			1		X		X												X							
	NSW-5	10/23/2019	12:05		X				X			1		X		X												X							
	WSW-6	10/23/2019	12:10		X				X			1		X		X												X							
	NSW-6	10/23/2019	12:15		X				X			1		X		X												X							
	ESW-6	10/23/2019	12:20		X				X			1		X		X												X							

Relinquished by: Clint	Date: 10/30	Time: 11:45	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

	Date:	Time:	
	Date:	Time:	
	Date:	Time:	

LAB USE ONLY

Sample Temperature

REMARKS:

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Date/ Time Received: 10/30/2019 11:45:00 AM

Work Order #: 641506

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

Temperature Measuring device used : R8

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

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

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 10/30/2019

Brianna Teel

Checklist reviewed by: Kelsey Brooks Date: 10/31/2019

Kelsey Brooks

Certificate of Analysis Summary 644786

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea County, New Mexico

Date Received in Lab: Tue Dec-03-19 08:50 am
Report Date: 04-DEC-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	644786-001		644786-002		644786-003		644786-004		644786-005		644786-006	
	Field Id:	Bottomhole-4 comp 3'		Bottomhole-13 comp 3'		Bottomhole-31 comp 3'		Bottomhole-51 comp 3'		Bottomhole-56 comp 3'		Bottomhole-60 comp 3'	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Dec-02-19 00:00		Dec-02-19 00:00		Dec-02-19 00:00		Dec-02-19 00:00		Dec-02-19 00:00		Dec-02-19 00:00	
Chloride by EPA 300	***Extracted:***	Dec-03-19 12:40		Dec-03-19 12:40		Dec-03-19 12:40		Dec-03-19 12:40		Dec-03-19 12:40		Dec-03-19 12:40	
	Analyzed:	Dec-03-19 14:57		Dec-03-19 15:02		Dec-03-19 15:18		Dec-03-19 15:23		Dec-03-19 15:39		Dec-03-19 15:45	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		11.3	4.99	142	5.00	267	5.04	265	4.97	133	4.99	202	4.95

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use.
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Kelsey Brooks
Project Manager

Final 1.000

Certificate of Analysis Summary 644786

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea County, New Mexico

Date Received in Lab: Tue Dec-03-19 08:50 am
Report Date: 04-DEC-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	644786-007		644786-008		644786-009		644786-010		644786-011		644786-012	
	Field Id:	Bottomhole-61 comp 3'		Bottomhole-64 comp 3'		Bottomhole-65 comp 3'		Bottomhole-66 comp 3'		Bottomhole-67 comp 3'		Bottomhole-68 comp 3'	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Dec-02-19 00:00		Dec-02-19 00:00		Dec-02-19 00:00		Dec-02-19 00:00		Dec-02-19 00:00		Dec-02-19 00:00	
Chloride by EPA 300	***Extracted:***	Dec-03-19 12:40		Dec-03-19 12:40		Dec-03-19 12:40		Dec-03-19 12:40		Dec-03-19 12:40		Dec-03-19 12:55	
	Analyzed:	Dec-03-19 15:50		Dec-03-19 15:55		Dec-03-19 16:01		Dec-03-19 16:06		Dec-03-19 16:11		Dec-03-19 16:43	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		217	5.03	161	5.00	285	5.00	386	5.00	120	5.04	24.9	5.00

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Kelsey Brooks
Project Manager

Final 1.000

Certificate of Analysis Summary 644786

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea County, New Mexico

Date Received in Lab: Tue Dec-03-19 08:50 am
Report Date: 04-DEC-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	644786-013		644786-014		644786-015		644786-016		644786-017		644786-018	
	Field Id:	Bottomhole-70 comp 3'		Bottomhole-71 comp 3'		Bottomhole-73 comp 3'		Bottomhole-82 comp 3'		Bottomhole-85 comp 3'		Bottomhole-86 comp 3'	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Dec-02-19 00:00		Dec-02-19 00:00		Dec-02-19 00:00		Dec-02-19 00:00		Dec-02-19 00:00		Dec-02-19 00:00	
Chloride by EPA 300	***Extracted:***	Dec-03-19 12:55		Dec-03-19 12:55		Dec-03-19 12:55		Dec-03-19 12:55		Dec-03-19 12:55		Dec-03-19 12:55	
	Analyzed:	Dec-03-19 16:59		Dec-03-19 17:05		Dec-03-19 17:10		Dec-03-19 18:54		Dec-03-19 19:10		Dec-03-19 19:15	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		193	5.04	54.4	4.98	56.4	4.96	107	5.01	130	5.05	127	4.96

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Kelsey Brooks
Project Manager

Final 1.000

Certificate of Analysis Summary 644786

Tetra Tech- Midland, Midland, TX

Project Name: EOG Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea County, New Mexico

Date Received in Lab: Tue Dec-03-19 08:50 am
Report Date: 04-DEC-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	644786-019		644786-020		644786-021		644786-022					
	Field Id:	Bottomhole-108 comp 3'		Bottomhole-121 comp 3'		Bottomhole-127 comp 3'		Bottomhole-136 comp 3'					
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL					
	Sampled:	Dec-02-19 00:00		Dec-02-19 00:00		Dec-02-19 00:00		Dec-02-19 00:00					
Chloride by EPA 300	***Extracted:***	Dec-03-19 12:55		Dec-03-19 12:55		Dec-03-19 12:55		Dec-03-19 12:55					
	Analyzed:	Dec-03-19 19:21		Dec-03-19 19:26		Dec-03-19 19:31		Dec-03-19 19:37					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Chloride		147	4.98	14.9	5.02	22.4	5.04	21.7	4.98				

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

Kelsey Brooks
Project Manager

Final 1.000

Analytical Report 644786

for

Tetra Tech- Midland

Project Manager: Clair Gonzales

EOG Neptune 202

212C-MD-01841

04-DEC-19

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (19-037-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

04-DEC-19

Project Manager: **Clair Gonzales**
Tetra Tech- Midland
901 West Wall ST
Midland, TX 79701

Reference: XENCO Report No(s): **644786**
EOG Neptune 202
Project Address: Lea County, New Mexico

Clair Gonzales:

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 XENCO Report Number(s) 644786. 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 XENCO Laboratories. 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. 644786 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 XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Kelsey Brooks
Project Manager

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Sample Cross Reference 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Bottomhole-4 comp 3'	S	12-02-19 00:00		644786-001
Bottomhole-13 comp 3'	S	12-02-19 00:00		644786-002
Bottomhole-31 comp 3'	S	12-02-19 00:00		644786-003
Bottomhole-51 comp 3'	S	12-02-19 00:00		644786-004
Bottomhole-56 comp 3'	S	12-02-19 00:00		644786-005
Bottomhole-60 comp 3'	S	12-02-19 00:00		644786-006
Bottomhole-61 comp 3'	S	12-02-19 00:00		644786-007
Bottomhole-64 comp 3'	S	12-02-19 00:00		644786-008
Bottomhole-65 comp 3'	S	12-02-19 00:00		644786-009
Bottomhole-66 comp 3'	S	12-02-19 00:00		644786-010
Bottomhole-67 comp 3'	S	12-02-19 00:00		644786-011
Bottomhole-68 comp 3'	S	12-02-19 00:00		644786-012
Bottomhole-70 comp 3'	S	12-02-19 00:00		644786-013
Bottomhole-71 comp 3'	S	12-02-19 00:00		644786-014
Bottomhole-73 comp 3'	S	12-02-19 00:00		644786-015
Bottomhole-82 comp 3'	S	12-02-19 00:00		644786-016
Bottomhole-85 comp 3'	S	12-02-19 00:00		644786-017
Bottomhole-86 comp 3'	S	12-02-19 00:00		644786-018
Bottomhole-108 comp 3'	S	12-02-19 00:00		644786-019
Bottomhole-121 comp 3'	S	12-02-19 00:00		644786-020
Bottomhole-127 comp 3'	S	12-02-19 00:00		644786-021
Bottomhole-136 comp 3'	S	12-02-19 00:00		644786-022

CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: EOG Neptune 202

Project ID: *212C-MD-01841*
Work Order Number(s): *644786*

Report Date: *04-DEC-19*
Date Received: *12/03/2019*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-4 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-001	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.40	Basis:	Wet Weight
Seq Number:	3109301				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**11.3**	4.99	mg/kg	12.03.19 14.57		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-13 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-002	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.40	Basis:	Wet Weight
Seq Number:	3109301				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**142**	5.00	mg/kg	12.03.19 15.02		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-31 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-003	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.40	Basis:	Wet Weight
Seq Number:	3109301				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**267**	5.04	mg/kg	12.03.19 15.18		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-51 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-004	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.40	Basis:	Wet Weight
Seq Number:	3109301				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**265**	4.97	mg/kg	12.03.19 15.23		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-56 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-005	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.40	Basis:	Wet Weight
Seq Number:	3109301				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**133**	4.99	mg/kg	12.03.19 15.39		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-60 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-006	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.40	Basis:	Wet Weight
Seq Number:	3109301				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**202**	4.95	mg/kg	12.03.19 15.45		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-61 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-007	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.40	Basis:	Wet Weight
Seq Number:	3109301				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**217**	5.03	mg/kg	12.03.19 15.50		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-64 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-008	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.40	Basis:	Wet Weight
Seq Number:	3109301				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**161**	5.00	mg/kg	12.03.19 15.55		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-65 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-009	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.40	Basis:	Wet Weight
Seq Number:	3109301				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**285**	5.00	mg/kg	12.03.19 16.01		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-66 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-010	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.40	Basis:	Wet Weight
Seq Number:	3109301				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**386**	5.00	mg/kg	12.03.19 16.06		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-67 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-011	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.40	Basis:	Wet Weight
Seq Number:	3109301				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**120**	5.04	mg/kg	12.03.19 16.11		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-68 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-012	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.55	Basis:	Wet Weight
Seq Number:	3109303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**24.9**	5.00	mg/kg	12.03.19 16.43		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-70 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-013	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.55	Basis:	Wet Weight
Seq Number:	3109303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**193**	5.04	mg/kg	12.03.19 16.59		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-71 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-014	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.55	Basis:	Wet Weight
Seq Number:	3109303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**54.4**	4.98	mg/kg	12.03.19 17.05		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-73 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-015	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.55	Basis:	Wet Weight
Seq Number:	3109303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**56.4**	4.96	mg/kg	12.03.19 17.10		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-82 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-016	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.55	Basis:	Wet Weight
Seq Number:	3109303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**107**	5.01	mg/kg	12.03.19 18.54		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-85 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-017	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.55	Basis:	Wet Weight
Seq Number:	3109303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**130**	5.05	mg/kg	12.03.19 19.10		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-86 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-018	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.55	Basis:	Wet Weight
Seq Number:	3109303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**127**	4.96	mg/kg	12.03.19 19.15		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-108 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-019	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.55	Basis:	Wet Weight
Seq Number:	3109303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**147**	4.98	mg/kg	12.03.19 19.21		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-121 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-020	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.55	Basis:	Wet Weight
Seq Number:	3109303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**14.9**	5.02	mg/kg	12.03.19 19.26		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-127 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-021	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.55	Basis:	Wet Weight
Seq Number:	3109303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**22.4**	5.04	mg/kg	12.03.19 19.31		1

Certificate of Analytical Results 644786

Tetra Tech- Midland, Midland, TX

EOG Neptune 202

Sample Id:	**Bottomhole-136 comp 3'**	Matrix:	Soil	Date Received:	12.03.19 08.50
Lab Sample Id:	644786-022	Date Collected:	12.02.19 00.00		
Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	12.03.19 12.55	Basis:	Wet Weight
Seq Number:	3109303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**21.7**	4.98	mg/kg	12.03.19 19.37		1

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.

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 644786

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3109301 — Matrix: Solid — Date Prep: 12.03.19
MB Sample Id: 7691539-1-BLK — LCS Sample Id: 7691539-1-BKS — LCSD Sample Id: 7691539-1-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	233	93	233	93	90-110	0	20	mg/kg	12.03.19 13:36	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3109303 — Matrix: Solid — Date Prep: 12.03.19
MB Sample Id: 7691540-1-BLK — LCS Sample Id: 7691540-1-BKS — LCSD Sample Id: 7691540-1-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	240	96	242	97	90-110	1	20	mg/kg	12.03.19 16:33	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3109301 — Matrix: Soil — Date Prep: 12.03.19
Parent Sample Id: 644785-001 — MS Sample Id: 644785-001 S — MSD Sample Id: 644785-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	7.45	252	243	93	243	93	90-110	0	20	mg/kg	12.03.19 13:52	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3109301 — Matrix: Soil — Date Prep: 12.03.19
Parent Sample Id: 644786-002 — MS Sample Id: 644786-002 S — MSD Sample Id: 644786-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	142	250	389	99	396	102	90-110	2	20	mg/kg	12.03.19 15:07	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3109303 — Matrix: Soil — Date Prep: 12.03.19
Parent Sample Id: 644786-012 — MS Sample Id: 644786-012 S — MSD Sample Id: 644786-012 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	24.9	250	272	99	274	100	90-110	1	20	mg/kg	12.03.19 16:49	

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

QC Summary 644786

Tetra Tech- Midland

EOG Neptune 202

Analytical Method: **Chloride by EPA 300** Prep Method: E300P

Seq Number: 3109303 Matrix: Soil Date Prep: 12.03.19

Parent Sample Id: 644786-022 MS Sample Id: 644786-022 S MSD Sample Id: 644786-022 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	21.7	249	280	104	275	102	90-110	2	20	mg/kg	12.03.19 19:42	

MS/MSD Percent Recovery [D] = 100*(C-A) / B LCS = Laboratory Control Sample MS = Matrix Spike

Relative Percent Difference RPD = 200* | (C-E) / (C+E) | A = Parent Result B = Spike Added

LCS/LCSD Recovery [D] = 100 * (C) / [B] C = MS/LCS Result D = MSD/LCSD % Rec

Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample) E = MSD/LCSD Result

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

10447840

Client Name:	EOG	**Site Manager:**	Clair Gonzales
Project Name:	Neptune 202		
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-01841
Invoice to:	James Kennedy		
Receiving Laboratory:	Xenco	**Sampler Signature:**	Devin Dominguez
Comments:			

ANALYSIS REQUEST

(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2019 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
	Bottomhole-4 comp 3'	12/2/2019			X				X			1	N														X								
	Bottomhole-13 comp 3'	12/2/2019			X				X			1	N														X								
	Bottomhole-31 comp 3'	12/2/2019			X				X			1	N														X								
	Bottomhole-51 comp 3'	12/2/2019			X				X			1	N														X								
	Bottomhole-56 comp 3'	12/2/2019			X				X			1	N														X								
	Bottomhole-60 comp 3'	12/2/2019			X				X			1	N														X								
	Bottomhole-61 comp 3'	12/2/2019			X				X			1	N														X								
	Bottomhole-64 comp 3'	12/2/2019			X				X			1	N														X								
	Bottomhole-65 comp 3'	12/2/2019			X				X			1	N														X								
	Bottomhole-66 comp 3'	12/2/2019			X				X			1	N														X								

Relinquished by:	Date: 12/3/19	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 12/3 Time: 850

LAB USE ONLY

Sample Temperature 4.1

REMARKS:

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

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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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

Lab # 544796

Client Name:	EOG	Site Manager:	Clair Gonzales
Project Name:	Neptune 202		
Project Location: (county, state)	Lea County, New Mexico	Project #:	212C-MD-01841
Invoice to:	James Kennedy		
Receiving Laboratory:	Xenco	Sampler Signature:	Devin Dominguez
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2019 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)
	Bottomhole-67 comp 3'	12/2/2019			X				X			1	N
	Bottomhole-68 comp 3'	12/2/2019			X				X			1	N
	Bottomhole-70 comp 3'	12/2/2019			X				X			1	N
	Bottomhole-71 comp 3'	12/2/2019			X				X			1	N
	Bottomhole-73 comp 3'	12/2/2019			X				X			1	N
	Bottomhole-82 comp 3'	12/2/2019			X				X			1	N
	Bottomhole-85 comp 3'	12/2/2019			X				X			1	N
	Bottomhole-86 comp 3'	12/2/2019			X				X			1	N
	Bottomhole-108 comp 3'	12/2/2019			X				X			1	N
	Bottomhole-121 comp 3'	12/2/2019			X				X			1	N

ANALYSIS REQUEST
(Circle or Specify Method No.)

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

Relinquished by: Date: 12/3/19 Time:
Received by: Date: Time: 950

Relinquished by: Date: Time:
Received by: Date: Time:

Relinquished by: Date: Time:
Received by: Date: Time:

LAB USE ONLY

Sample Temperature 4.1

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 #: _____

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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

hAB47906

Client Name:	EOG	**Site Manager:**	Clair Gonzales
Project Name:	Neptune 202		
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-01841
Invoice to:	James Kennedy		
Receiving Laboratory:	Xenco	**Sampler Signature:**	Devin Dominguez
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2019 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)
	Bottomhole-127 comp 3'	12/2/2019			X				X			1	N
	Bottomhole-136 comp 3'	12/2/2019			X				X			1	N

ANALYSIS REQUEST
(Circle or Specify Method No.)

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

Relinquished by: Date: 12/3/19 Time:
Received by: Date: Time: 850

Relinquished by: Date: Time:
Received by: Date: Time:

Relinquished by: Date: Time:
Received by: Date: Time:

LAB USE ONLY
Sample Temperature
4.1

REMARKS:
- ☐ STANDARD
- ☒ RUSH: Same Day 24 hr 48 hr 72 hr
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XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Date/ Time Received: 12/03/2019 08:50:00 AM

Work Order #: 644786

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

Temperature Measuring device used : R8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	4.1
#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**
#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: 12/03/2019

Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 12/03/2019

Jessica Kramer

Analytical Report 645968

for

Tetra Tech- Midland

Project Manager: Clair Gonzales

Neptune 202

212C-MD-01841

12-DEC-19

Collected By: Client

1089 N Canal Street
Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (19-037-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

12-DEC-19

Project Manager: **Clair Gonzales**
Tetra Tech- Midland
901 West Wall ST
Midland, TX 79701

Reference: XENCO Report No(s): **645968**
Neptune 202
Project Address: Lea Co, NM

Clair Gonzales:

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 XENCO Report Number(s) 645968. 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 XENCO Laboratories. 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. 645968 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 XENCO Laboratories 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 Assistant

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America

Sample Cross Reference 645968

Tetra Tech- Midland, Midland, TX

Neptune 202

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
BH 153	S	12-11-19 00:00		645968-001
BH 154	S	12-11-19 00:00		645968-002
BH 161	S	12-11-19 00:00		645968-003
BH 162	S	12-11-19 00:00		645968-004

CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: Neptune 202

Project ID: *212C-MD-01841*
Work Order Number(s): *645968*

Report Date: *12-DEC-19*
Date Received: *12/11/2019*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 645968

Tetra Tech- Midland, Midland, TX

Project Name: Neptune 202

Project Id: 212C-MD-01841
Contact: Clair Gonzales
Project Location: Lea Co, NM

Date Received in Lab: Wed Dec-11-19 04:04 pm
Report Date: 12-DEC-19
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	645968-001		645968-002		645968-003		645968-004					
	Field Id:	BH 153		BH 154		BH 161		BH 162					
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL					
	Sampled:	Dec-11-19 00:00		Dec-11-19 00:00		Dec-11-19 00:00		Dec-11-19 00:00					
Chloride by EPA 300	***Extracted:***	Dec-11-19 17:04		Dec-11-19 17:04		Dec-11-19 17:04		Dec-11-19 17:04					
	Analyzed:	Dec-11-19 18:43		Dec-11-19 19:01		Dec-11-19 19:06		Dec-11-19 19:12					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Chloride		248	10.1	115	10.1	370	10.0	167	10.0				

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use.
The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories.
XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.
Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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

Jessica Kramer
Project Assistant

Final 1.000

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.

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

Released to Imaging: 2/18/2026 12:00:57 PM

BS / BSD Recoveries

Project Name: Neptune 202

Work Order #: 645968 **Project ID:** 212C-MD-01841

Analyst: MAB **Date Prepared:** 12/11/2019 **Date Analyzed:** 12/11/2019

Lab Batch ID: 3110204 **Sample:** 7692228-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Chloride by EPA 300 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	<10.0	250	265	106	250	263	105	1	90-110	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Neptune 202

Work Order # : 645968 **Project ID:** 212C-MD-01841

Lab Batch ID: 3110204 **QC- Sample ID:** 645968-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 12/11/2019 **Date Prepared:** 12/11/2019 **Analyst:** MAB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Chloride by EPA 300 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	248	200	456	104	201	461	106	1	90-110	20	

Lab Batch ID: 3110204 **QC- Sample ID:** 646001-002 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 12/11/2019 **Date Prepared:** 12/11/2019 **Analyst:** MAB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Chloride by EPA 300 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	233	200	428	98	198	417	93	3	90-110	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable

N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Page 897 of 934

Analysis Request of Chain of Custody Record

645908

Page 1 of 1

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG

Site Manager: Clair Gonzales

Project Name: Neptune 202

Project Location (county, state): Lea Co, NM

Project #: 212C-MD-01841

Invoice to: EOG - James Kennedy

Receiving Laboratory: Xenco

Sampler Signature: Tony Legorda & Justin Flores

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)
	BH 153	12/11			X			X		1	N
	BH 154	12/11			X			X		1	N
	BH 161	12/11			X			X		1	N
	BH 162	12/11			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							

Relinquished by: Antonio E. Legorda Date: 12/11/19 Time: 14:52

Received by: Date: 12/11/19 Time: 14:52

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

LAB USE ONLY

Sample Temperature: 10.2

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 #:

ORIGINAL COPY

Received by OCD: 12/18/2025 12:16:15 PM
Released to Imaging: 2/18/2026 12:00:57 PM
Final 1.000
Page 9 of 10

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Date/ Time Received: 12/11/2019 04:04:10 PM

Work Order #: 645968

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

Temperature Measuring device used : T-NM-007

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	10.2
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**Yes**
#5 Custody Seals intact on sample bottles?	**Yes**
#6*Custody Seals Signed and dated?	**Yes**
#7 *Chain of Custody present?	**Yes**
#8 Any missing/extra samples?	**No**
#9 Chain of Custody signed when relinquished/ received?	**Yes**
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**
#11 Container label(s) legible and intact?	**Yes**
#12 Samples in proper container/ bottle?	**Yes**
#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)?	**No**
#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: Elizabeth McClellan Date: 12/11/2019

Checklist reviewed by: Jessica Kramer Date: 12/12/2019

Jessica Kramer

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 01, 2025

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: NEPTUNE 202 LAYFLAT

Enclosed are the results of analyses for samples received by the laboratory on 06/25/25 9:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	06/25/2025	Sampling Date:	06/24/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	NEPTUNE 202 LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO NM		

Sample ID: WSW - 1 (0-1) (H253798-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2025	ND	2.12	106	2.00	1.13	
Toluene*	<0.050	0.050	06/26/2025	ND	2.07	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.15	108	2.00	2.27	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.72	112	6.00	1.55	
Total BTEX	<0.300	0.300	06/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/25/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2025	ND	196	98.0	200	3.94	
DRO >C10-C28*	<10.0	10.0	06/25/2025	ND	212	106	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	06/25/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *114 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	06/25/2025	Sampling Date:	06/24/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	NEPTUNE 202 LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO NM		

Sample ID: WSW - 1 (1-2) (H253798-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2025	ND	2.12	106	2.00	1.13	
Toluene*	<0.050	0.050	06/26/2025	ND	2.07	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.15	108	2.00	2.27	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.72	112	6.00	1.55	
Total BTEX	<0.300	0.300	06/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/26/2025	ND	480	120	400	6.90	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2025	ND	196	98.0	200	3.94	
DRO >C10-C28*	<10.0	10.0	06/25/2025	ND	212	106	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	06/25/2025	ND					

Surrogate: 1-Chlorooctane *104 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *109 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	06/25/2025	Sampling Date:	06/24/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	NEPTUNE 202 LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO NM		

Sample ID: WSW - 1 (2-3) (H253798-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2025	ND	2.12	106	2.00	1.13	
Toluene*	<0.050	0.050	06/26/2025	ND	2.07	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.15	108	2.00	2.27	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.72	112	6.00	1.55	
Total BTEX	<0.300	0.300	06/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/26/2025	ND	480	120	400	6.90	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2025	ND	196	98.0	200	3.94	
DRO >C10-C28*	<10.0	10.0	06/25/2025	ND	212	106	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	06/25/2025	ND					

Surrogate: 1-Chlorooctane *108 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *113 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	06/25/2025	Sampling Date:	06/24/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	NEPTUNE 202 LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO NM		

Sample ID: WSW - 1 (3-4) (H253798-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2025	ND	2.12	106	2.00	1.13	
Toluene*	<0.050	0.050	06/26/2025	ND	2.07	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.15	108	2.00	2.27	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.72	112	6.00	1.55	
Total BTEX	<0.300	0.300	06/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/26/2025	ND	480	120	400	6.90	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2025	ND	196	98.0	200	3.94	
DRO >C10-C28*	<10.0	10.0	06/25/2025	ND	212	106	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	06/25/2025	ND					

Surrogate: 1-Chlorooctane *108 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *112 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	06/25/2025	Sampling Date:	06/24/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	NEPTUNE 202 LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO NM		

Sample ID: ESW - 4 (0-1) (H253798-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2025	ND	2.12	106	2.00	1.13	
Toluene*	<0.050	0.050	06/26/2025	ND	2.07	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.15	108	2.00	2.27	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.72	112	6.00	1.55	
Total BTEX	<0.300	0.300	06/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	06/26/2025	ND	480	120	400	6.90	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2025	ND	196	98.0	200	3.94	
DRO >C10-C28*	<10.0	10.0	06/25/2025	ND	212	106	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	06/25/2025	ND					

Surrogate: 1-Chlorooctane *96.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *99.5 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	06/25/2025	Sampling Date:	06/24/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	NEPTUNE 202 LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO NM		

Sample ID: ESW - 4 (1-2) (H253798-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2025	ND	2.12	106	2.00	1.13	
Toluene*	<0.050	0.050	06/26/2025	ND	2.07	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.15	108	2.00	2.27	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.72	112	6.00	1.55	
Total BTEX	<0.300	0.300	06/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/26/2025	ND	480	120	400	6.90	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2025	ND	196	98.0	200	3.94	
DRO >C10-C28*	<10.0	10.0	06/25/2025	ND	212	106	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	06/25/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *104 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	06/25/2025	Sampling Date:	06/24/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	NEPTUNE 202 LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO NM		

Sample ID: ESW - 4 (2-3) (H253798-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2025	ND	2.12	106	2.00	1.13	
Toluene*	<0.050	0.050	06/26/2025	ND	2.07	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.15	108	2.00	2.27	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.72	112	6.00	1.55	
Total BTEX	<0.300	0.300	06/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	06/26/2025	ND	480	120	400	6.90	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2025	ND	196	98.0	200	3.94	
DRO >C10-C28*	<10.0	10.0	06/25/2025	ND	212	106	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	06/25/2025	ND					

Surrogate: 1-Chlorooctane *90.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *90.6 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	06/25/2025	Sampling Date:	06/24/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	NEPTUNE 202 LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO NM		

Sample ID: ESW - 4 (3-4) (H253798-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2025	ND	2.12	106	2.00	1.13	
Toluene*	<0.050	0.050	06/26/2025	ND	2.07	103	2.00	1.54	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.15	108	2.00	2.27	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.72	112	6.00	1.55	
Total BTEX	<0.300	0.300	06/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/26/2025	ND	480	120	400	6.90	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2025	ND	196	98.0	200	3.94	
DRO >C10-C28*	<10.0	10.0	06/25/2025	ND	212	106	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	06/25/2025	ND					

Surrogate: 1-Chlorooctane *84.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *82.1 %* *40.6-153*

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Tetra tech
Project Manager:	Brittany Long
Address:	
City:	State: Zip:
Phone #:	Fax #:
Project #:	Project Owner:
Project Name:	Neptune 202 LayFlat
Project Location:	Lea County NM
Sampler Name:	Jorge Luis Fernandez

BILL TO

P.O. #:	
Company:	EOG
Attn:	~~Todd Wells~~ James Kennedy
Address:	
City:	
State: Zip:	NM 88220
Phone #:	575-630-2580
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chloride 4500	TPH 8015	BTEX
H253798																	
1	WSW-1 (0-1)		1			X							6-24-25				
2	WSW-1 (1-2)		1			X											
3	WSW-1 (2-3)		1			X											
4	WSW-1 (3-4)		1			X											
	~~WSW~~																
5	ESW-4 (0-1)		1			X							6-24-25				
6	ESW-4 (1-2)		1			X											
7	ESW-4 (2-3)		1			X											
8	ESW-4 (3-4)		1			X											

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Relinquished By:	Date: 6-25-25	Received By:	
Jorge L Fernandez V.	Time: 915	A Ramos	
Relinquished By:	Date:	Received By:	
	Time:		

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS: † Corrections made per client specifications 6-30-25

Delivered By: (Circle One)	Observed Temp. °C 5.1	Sample Condition Cool: ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☒ Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C 4.8	Intact: ☑ Yes ☐ No	PB	Thermometer ID #140 Correction Factor +0.3°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.0 02/12/25

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 12/18/2025 12:16:15 PM

Released to Imaging: 2/18/2026 12:00:57 PM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 01, 2025

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: NEPTUNE 202 LAYFLAT

Enclosed are the results of analyses for samples received by the laboratory on 06/25/25 12:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	06/25/2025	Sampling Date:	06/25/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	NEPTUNE 202 LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO NM		

Sample ID: WSW - 5 (0-1') (H253806-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2025	ND	2.09	105	2.00	1.28	
Toluene*	<0.050	0.050	06/25/2025	ND	2.23	111	2.00	2.57	
Ethylbenzene*	<0.050	0.050	06/25/2025	ND	2.26	113	2.00	1.82	
Total Xylenes*	<0.150	0.150	06/25/2025	ND	7.01	117	6.00	0.563	
Total BTEX	<0.300	0.300	06/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	06/26/2025	ND	480	120	400	6.90	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2025	ND	196	98.0	200	3.94	
DRO >C10-C28*	<10.0	10.0	06/25/2025	ND	212	106	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	06/25/2025	ND					

Surrogate: 1-Chlorooctane *110 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *114 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	06/25/2025	Sampling Date:	06/25/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	NEPTUNE 202 LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO NM		

Sample ID: WSW - 5 (1-2') (H253806-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2025	ND	2.09	105	2.00	1.28	
Toluene*	<0.050	0.050	06/25/2025	ND	2.23	111	2.00	2.57	
Ethylbenzene*	<0.050	0.050	06/25/2025	ND	2.26	113	2.00	1.82	
Total Xylenes*	<0.150	0.150	06/25/2025	ND	7.01	117	6.00	0.563	
Total BTEX	<0.300	0.300	06/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	06/26/2025	ND	480	120	400	6.90	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2025	ND	196	98.0	200	3.94	
DRO >C10-C28*	<10.0	10.0	06/25/2025	ND	212	106	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	06/25/2025	ND					

Surrogate: 1-Chlorooctane *114 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *119 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	06/25/2025	Sampling Date:	06/25/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	NEPTUNE 202 LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO NM		

Sample ID: WSW - 5 (2-3') (H253806-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2025	ND	2.09	105	2.00	1.28	
Toluene*	<0.050	0.050	06/25/2025	ND	2.23	111	2.00	2.57	
Ethylbenzene*	<0.050	0.050	06/25/2025	ND	2.26	113	2.00	1.82	
Total Xylenes*	<0.150	0.150	06/25/2025	ND	7.01	117	6.00	0.563	
Total BTEX	<0.300	0.300	06/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	06/26/2025	ND	480	120	400	6.90	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2025	ND	196	98.0	200	3.94	
DRO >C10-C28*	<10.0	10.0	06/25/2025	ND	212	106	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	06/25/2025	ND					

Surrogate: 1-Chlorooctane *106 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *112 %* *40.6-153*

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	06/25/2025	Sampling Date:	06/25/2025
Reported:	07/01/2025	Sampling Type:	Soil
Project Name:	NEPTUNE 202 LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA CO NM		

Sample ID: WSW - 5 (3-4') (H253806-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2025	ND	2.09	105	2.00	1.28	
Toluene*	<0.050	0.050	06/25/2025	ND	2.23	111	2.00	2.57	
Ethylbenzene*	<0.050	0.050	06/25/2025	ND	2.26	113	2.00	1.82	
Total Xylenes*	<0.150	0.150	06/25/2025	ND	7.01	117	6.00	0.563	
Total BTEX	<0.300	0.300	06/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	06/26/2025	ND	480	120	400	6.90	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2025	ND	196	98.0	200	3.94	
DRO >C10-C28*	<10.0	10.0	06/25/2025	ND	212	106	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	06/25/2025	ND					

Surrogate: 1-Chlorooctane *104 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *108 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CARDINAL Laboratories
101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: TetraTech
Project Manager: Brittany Long
Address:
City: State: Zip:
Phone #: Fax #:
Project #: Project Owner:
Project Name: Neptune 202 Layflat
Project Location: Lea County NM
Sampler Name: William Eltendon

BILL TO
P.O. #:
Company: TetraTech
Attn: Brittany Long
Address:
City:
State: Zip:
Phone #:
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL ✓	OTHER:	SAMPLING: DATE	TIME	Chloride	BTEX	TPH
H253806-1	WSW-5 (0-1')	C	1			X					X		6/25/25	9:30	X	X	X
2	WSW-5 (1-2')		1			X					X			9:45			
3	WSW-5 (2-3')		1			X					X			10:00			
4	WSW-5 (3-4')		1			X					X			10:15			

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: William Eltendon Date: 6/25/25 Time: 1250 Received By:
Relinquished By: Date: Time: Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
Brittany.long@tetratech.com Miguel.Flores@tetratech.com
REMARKS: Rush cancelled! STANDARD TAT !! SRodriguez 6-25-25

Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C 0.9 Corrected Temp. °C 1.2 0.4 6/25/25
Sample Condition: Cool ☑ Yes Intact ☑ Yes / ☐ No ☐ No
CHECKED BY: (Initials) AB
Turnaround Time: Standard ☑ Rush ☐ 24hr
Thermometer ID #140. Correction Factor +0.3°C
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.6 02/12/25

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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TETRA TECH

Appendix D

State Correspondence

Outlook

RE: [EXT] EOG Neptune 10 State 202H (1RP-5743) Variance Request

From Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Date Thu 10/17/2019 3:08 PM
To Gonzales, Clair <Clair.Gonzales@tetratech.com>
Cc Rose-Coss, Dylan H, EMNRD <DylanH.Rose-Coss@state.nm.us>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Venegas, Victoria, EMNRD <Victoria.Venegas@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>

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

Clair,

At this time, and until further notice, all District 1 environmental correspondence needs to go to the following email address:

emnrd-ocd-district1spills@state.nm.us

The largest variance to collect confirmation samples is now 500 square feet. A variance is approved for this amount.

Thank you,

Robert J Hamlet
State of New Mexico
Energy, Minerals, and Natural Resources
Oil Conservation Division
811 S. First St., Artesia NM 88210
(575) 748-1283
Robert.Hamlet@state.nm.us

From: Rose-Coss, Dylan H, EMNRD <DylanH.Rose-Coss@state.nm.us>
Sent: Thursday, October 17, 2019 10:54 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>
Subject: Fwd: [EXT] EOG Neptune 10 State 202H (1RP-5743) Variance Request

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---------- Forwarded message ----------
From: "**Gonzales, Clair**" <Clair.Gonzales@tetratech.com>
Date: Thu, Oct 17, 2019 at 8:27 AM -0600
Subject: [EXT] EOG Neptune 10 State 202H (1RP-5743) Variance Request
To: "Rose-Coss, Dylan H, EMNRD" <DylanH.Rose-Coss@state.nm.us>, "Mann, Ryan" <rmann@slo.state.nm.us>
Cc: "James Kennedy" <James_Kennedy@eogresources.com>, "Todd Wells" <Todd_Wells@eogresources.com>, "Carmona, Mike" <Mike.Carmona@tetratech.com>

Good Morning,

The above referenced site impacted an irregularly shaped area measuring roughly 715’ long and up to 375’ wide; or approximately 66,000 square feet of area. EOG requests a variance to collect confirmation samples every 1,000 square feet to be representative of the release area.

Thank you,

Clair Gonzales,

Clair Gonzales, P.G. | **Project Manager**

Phone: 432.687.8123| Mobile 432.260.8634 | Fax:432.682.3946

clair.gonzales@tetratech.com

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TETRA TECH

Appendix E

Seeding Guidance Documents

Lea County, New Mexico

SE—Simona fine sandy loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: dmr2
Elevation: 3,000 to 4,200 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 58 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 8 inches: fine sandy loam
Bk - 8 to 16 inches: gravelly fine sandy loam
Bkm - 16 to 26 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Natural drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 35 percent
Gypsum, maximum in profile: 1 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 2.0
Available water storage in profile: Very low (about 2.0 inches)

Interpretive groups

Land capability classification (irrigated): 6s

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Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: Shallow Sandy (R042XC002NM)
Hydric soil rating: No

Minor Components

Kimbrough
Percent of map unit: 8 percent
Ecological site: Very Shallow 16-21" PZ (R077CY037TX)
Hydric soil rating: No

Lea
Percent of map unit: 7 percent
Ecological site: Limy Upland 16-21" PZ (R077CY028TX)
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 16, Sep 15, 2019

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Lea County, New Mexico

WK—Wink loamy fine sand

Map Unit Setting

National map unit symbol: dmrm
Elevation: 3,000 to 3,400 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Wink and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Wink

Setting

Landform: Depressions
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Dip
Down-slope shape: Concave
Across-slope shape: Concave
Parent material: Calcareous sandy alluvium and/or calcareous sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 12 inches: loamy fine sand
Bk - 12 to 23 inches: sandy loam
BCk - 23 to 60 inches: sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 30 percent
Gypsum, maximum in profile: 1 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 2.0
Available water storage in profile: Low (about 4.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: Loamy Sand (R042XC003NM)
Hydric soil rating: No

Minor Components

Berino

Percent of map unit: 5 percent
Ecological site: Loamy Sand (R042XC003NM)
Hydric soil rating: No

Jal

Percent of map unit: 4 percent
Ecological site: Limy (R042XC030NM)
Hydric soil rating: No

Midessa

Percent of map unit: 4 percent
Ecological site: Loamy (R042XC007NM)
Hydric soil rating: No

Cacique

Percent of map unit: 2 percent
Ecological site: Sandy (R042XC004NM)
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 16, Sep 15, 2019

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NMSLO Seed Mix — Loamy (L)

LOAMY (L) SITES SEED MIXTURE:

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Grasses:			
Black grama	VNS, Southern	1.0	D
Blue grama	Lovington	1.0	D
Sideoats grama	Vaughn, El Reno	4.0	F
Sand dropseed	VNS, Southern	2.0	S
Alkali sacaton	VNS, Southern	1.0	
Little bluestem	Cimarron, Pastura	1.5	F
Forbs:			
Firewheel (*Gaillardia*)	VNS, Southern	1.0	D
Shrubs:			
Fourwing saltbush	Marana, Santa Rita	1.0	D
Common winterfat	VNS, Southern	0.5	F
	Total PLS/acre	**18.0**	

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box
VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at http://plants.usda.gov.

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

QUESTIONS

Action 536191

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536191
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nRM1928438565**
Incident Name	**NRM1928438565 NEPTUNE 10 STATE 202H @ 30-025-45635**
Incident Type	**Produced Water Release**
Incident Status	**Reclamation Report Received**
Incident Well	**[30-025-45635] NEPTUNE 10 STATE COM #202H**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	NEPTUNE 10 STATE 202H
Date Release Discovered	07/05/2019
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Vehicular Accident | Flow Line - Production | Produced Water | Released: 400 BBL | Recovered: 0 BBL | Lost: 400 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536191
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	na

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 12/18/2025

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536191
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated		Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl B)	33900
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0
GRO+DRO	(EPA SW-846 Method 8015M)	0
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		10/01/2019
On what date will (or did) the final sampling or liner inspection occur		06/25/2025
On what date will (or was) the remediation complete(d)		12/11/2019
What is the estimated surface area (in square feet) that will be reclaimed		83514
What is the estimated volume (in cubic yards) that will be reclaimed		10200
What is the estimated surface area (in square feet) that will be remediated		83514
What is the estimated volume (in cubic yards) that will be remediated		10200
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536191
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fJEG1635837366 OWL LANDFILL JAL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 12/18/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536191
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only *Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536191
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**477184**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**06/25/2025**
What was the (estimated) number of samples that were to be gathered	**3**
What was the sampling surface area in square feet	**600**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	83514
What was the total volume (cubic yards) remediated	10200
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	83514
What was the total volume (in cubic yards) reclaimed	10200
Summarize any additional remediation activities not included by answers (above)	na

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 12/18/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536191
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	83514
What was the total volume of replacement material (in cubic yards) for this site	10200
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	06/01/2020
Summarize any additional reclamation activities not included by answers (above)	na
The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.	
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.	
I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 12/18/2025

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536191
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536191
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation closure and reclamation report approved, release resolved. Pending re-vegetation report.	2/18/2026