

SITE INFORMATION

Report Type: Closure Report NRM2034954593

General Site Information:

Site:	Domino AOJ Federal Battery					
Company:	EOG Resources					
Section, Township and Range	Unit L	Sec. 9	T 19S	R 31E		
Lease Number:						
County:	Eddy County					
GPS:	32.672222			-103.881548		
Surface Owner:	Federal					
Mineral Owner:						
Directions:	FROM NM-222 AND NM-248 GO N ON NM-222 APPX 0.64MI, GO LEFT/WEST ON LEASE RD APPX 0.85MI TO SPILL S OF THE ROAD					

Release Data:

Date Released:	10/23/2020
Type Release:	Oil & Produced Water
Source of Contamination:	Vacuum Truck
Fluid Released:	10 bbl oil & 90 bbl water
Fluids Recovered:	0 bbl oil & 0 bbl water

Official Communication:

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

Site Characterization

Depth to Groundwater:	120' Below Ground Surface
Karst Potential:	Low

Recommended Remedial Action Levels (RRALs)

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



August 19, 2021

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

Re: Closure Report for the EOG Resources, Domino AOJ Federal Battery 3rd Party Release, Unit L, Section 9, Township 19 South, Range 31 East, Eddy County, New Mexico. Incident ID NRM2034954593

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess and remediate a 3rd party release that occurred on the lease road at the EOG Resources, Domino AOJ Federal Battery, Unit L, Section 9, Township 19 South, Range 31 East, Eddy County, New Mexico (Site). The site coordinates are 32.672222°, -103.881548°. 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 October 23, 2020, and released approximately 90 barrels of produced water and 10 barrels of crude oil, due to a third party vacuum truck releasing the fluids onto the lease road and into the pasture. None of the released fluids were able to be recovered. The impacted area on the lease road measured approximately 120' X 25'. The impacted areas of the pasture measured approximately 380' X 12'. The C-141 form is included in Appendix A.

Site Characterization

A site characterization was performed for the site, no lakebeds, sinkholes, playa lakes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the specified distances. However, the site is located 60' from a draw that is shown on the NFHL Map as a USGS "blue line"

The site is in a low karst potential area. The nearest well is listed in the USGS National Water Information Database website in Section 16, approximately .37 miles Southeast of the site, and has a reported depth to groundwater of 120 feet below ground surface. Site characterization data is included in Appendix B.

Tetra Tech

901 West Wall St, Suite 100, Midland, TX 79701

Tel 432.682.4559 Fax 432.682.3946 www.tetrattech.com

**TETRA TECH**

Regulatory

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

Soil Assessment and Analytical Results

Initial Assessment

On November 30, 2020, Tetra Tech personnel were onsite to evaluate and sample the release area. A total of nine (9) auger holes (AH-1 through AH-9) were installed to total depths ranging from surface to 2.5' below surface. Additionally, thirteen (13) horizontal samples (Horizontal-1 through Horizontal-13) were collected at depths of surface to 1.0' 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 and horizontal sample locations are shown on Figure 3.

Referring to Table 1, none of the samples analyzed showed benzene or total BTEX concentrations above the RRALs. However, elevated TPH and chloride concentrations were detected above RRALs in all of the auger holes, with the exception of chloride concentrations below the RRALs in auger holes (AH-2 and AH-8). The area of auger holes (AH-1 through AH-9) showed TPH concentrations above RRALs, ranging from 116 mg/kg to 9,036 mg/kg, at depths ranging from surface to 2.5' below surface. The areas of auger holes (AH-1, AH-3 through AH-7, and AH-9) showed chloride concentrations above RRALs, ranging from 737 mg/kg to 4,770 mg/kg, at depths ranging from surface to 2.5'. Vertical delineation was not found in any of the installed auger holes. Additionally, none of the horizontal samples (Horizontal-1 through Horizontal-13) showed benzene, total BTEX, TPH, or chloride concentrations above the RRALs.

Trenching

On December 14, 2020, Tetra Tech and SDR Enterprises were onsite to further delineate the impacted area. A total of nine (9) trenches (Trench-1 through Trench-9) were installed in the areas of auger holes (AH-1 through AH-9) to total depths ranging from surface to 5.0' below surface, respectively. 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 trench locations are shown on Figure 3.

Referring to Table 1, none of the samples analyzed showed benzene or total BTEX concentrations above the RRALs. However, elevated TPH and chloride concentrations were detected above RRALs. All trenches with the exception of trenches (Trench-3 and Trench-5)

**TETRA TECH**

showed TPH concentrations above RRALs, concentrations ranging from 110 mg/kg to 31,500 mg/kg, at depths ranging from surface to 2.0' below surface. The areas of trenches (Trench-1, Trench-2, Trench-4, Trench-8, and Trench-9) showed chloride concentrations above RRALs, ranging from 660 mg/kg to 4,080 mg/kg, at depths ranging from surface to 3.0' below surface. Vertical delineation was found in all trenches.

Remediation Activities

Based on the results of the soil assessment, Tetra Tech personnel were onsite January 5th-7th, 2021 to supervise the remediation activities and collect confirmation samples. The impacted areas were excavated to total depths ranging from 1.5'-2.5' below surface, as shown on Figure 4 and Table 2.

A total of forty-five (45) bottom hole samples (Bottom Hole 1 through Bottom Hole 45) and twenty-five (25) sidewall samples (SW-1 through SW-25) were collected every 200 square feet to ensure proper removal of the impacted soils. The samples were submitted to the laboratory to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 300.0. The sampling results are summarized in Table 2. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The excavation depths and sample locations are shown in Figure 4.

Referring to Table 2, all final confirmation samples collected showed benzene, total BTEX, TPH, and chloride concentrations below the RRALs.

Approximately 814 cubic yards of material was excavated and transported offsite for proper disposal. The areas were then backfilled with clean material to surface grade.

Conclusion

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

Respectfully submitted,
TETRA TECH

A handwritten signature in black ink, appearing to read 'Ashton Thielke'.

Ashton Thielke,
Geologist

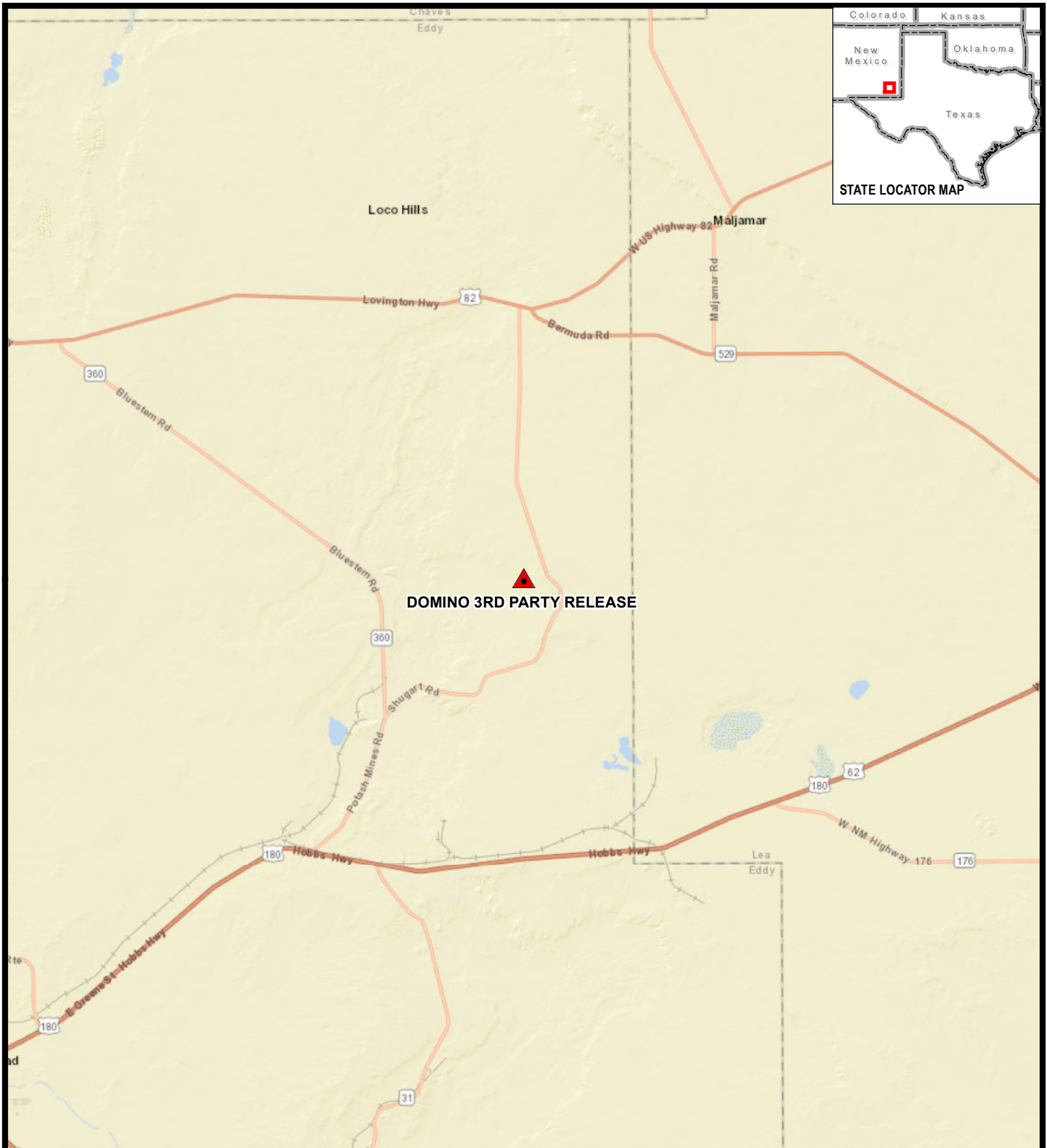
A handwritten signature in black ink, appearing to read 'Brittany Long'.

Brittany Long,
Project Manager

A handwritten signature in blue ink, appearing to read 'Clair Gonzales'.

Clair Gonzales, P.G.
Senior Project Manager

Figures



 SITE LOCATION



0 2.5 5
Miles
Approximate Scale in Miles

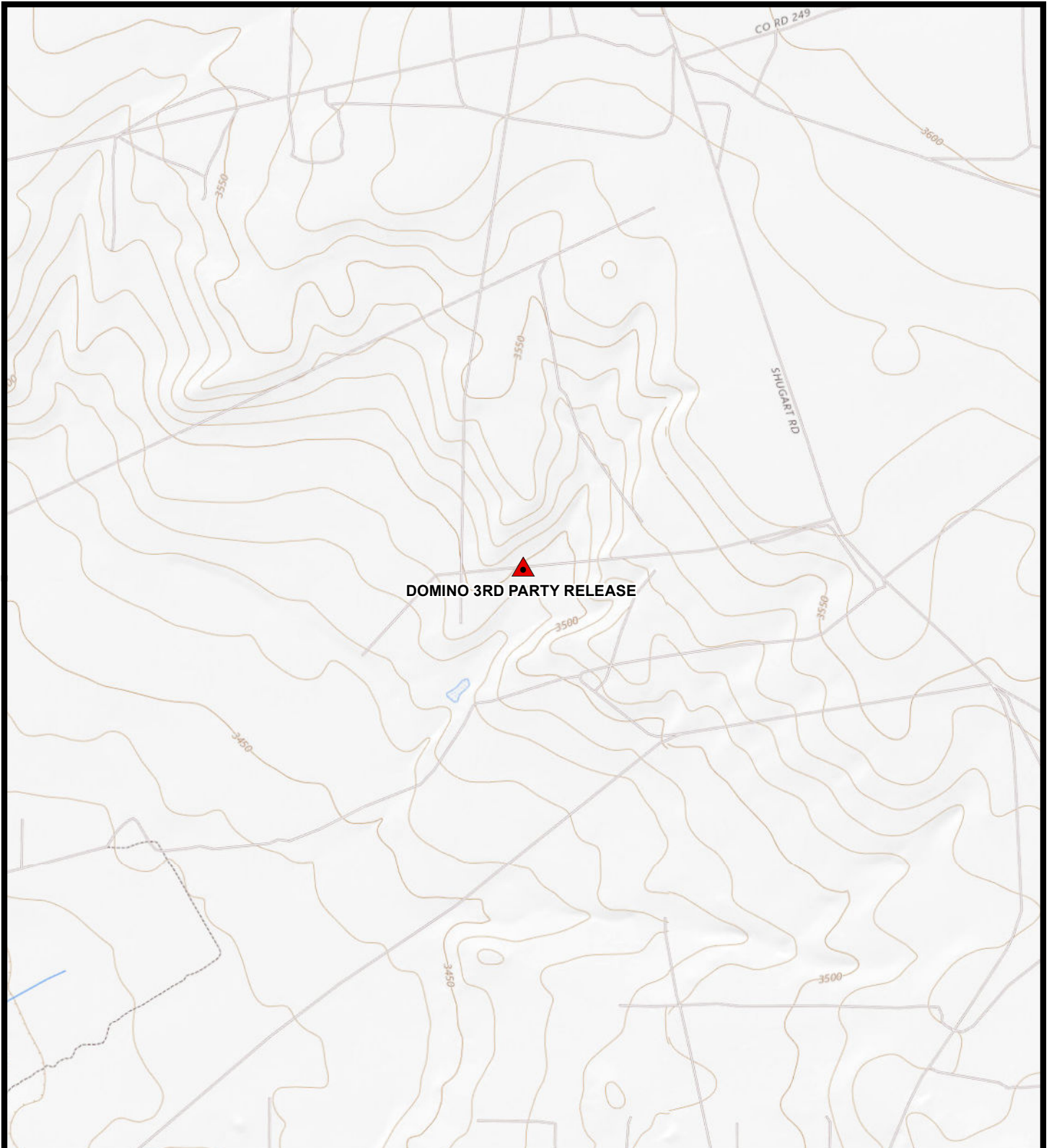
OVERVIEW MAP
DOMINO 3RD PARTY RELEASE
Property Located at coordinates 32.672222°, -103.881548°
EDDY COUNTY, NEW MEXICO



Project #:
212C-MD-02362

FIGURE
1

Source: ESRI Basemap - Streets, 2021.



 SITE LOCATION



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

TOPOGRAPHIC MAP
DOMINO 3RD PARTY RELEASE
Property Located at coordinates 32.672222°, -103.881548°
EDDY COUNTY, NEW MEXICO

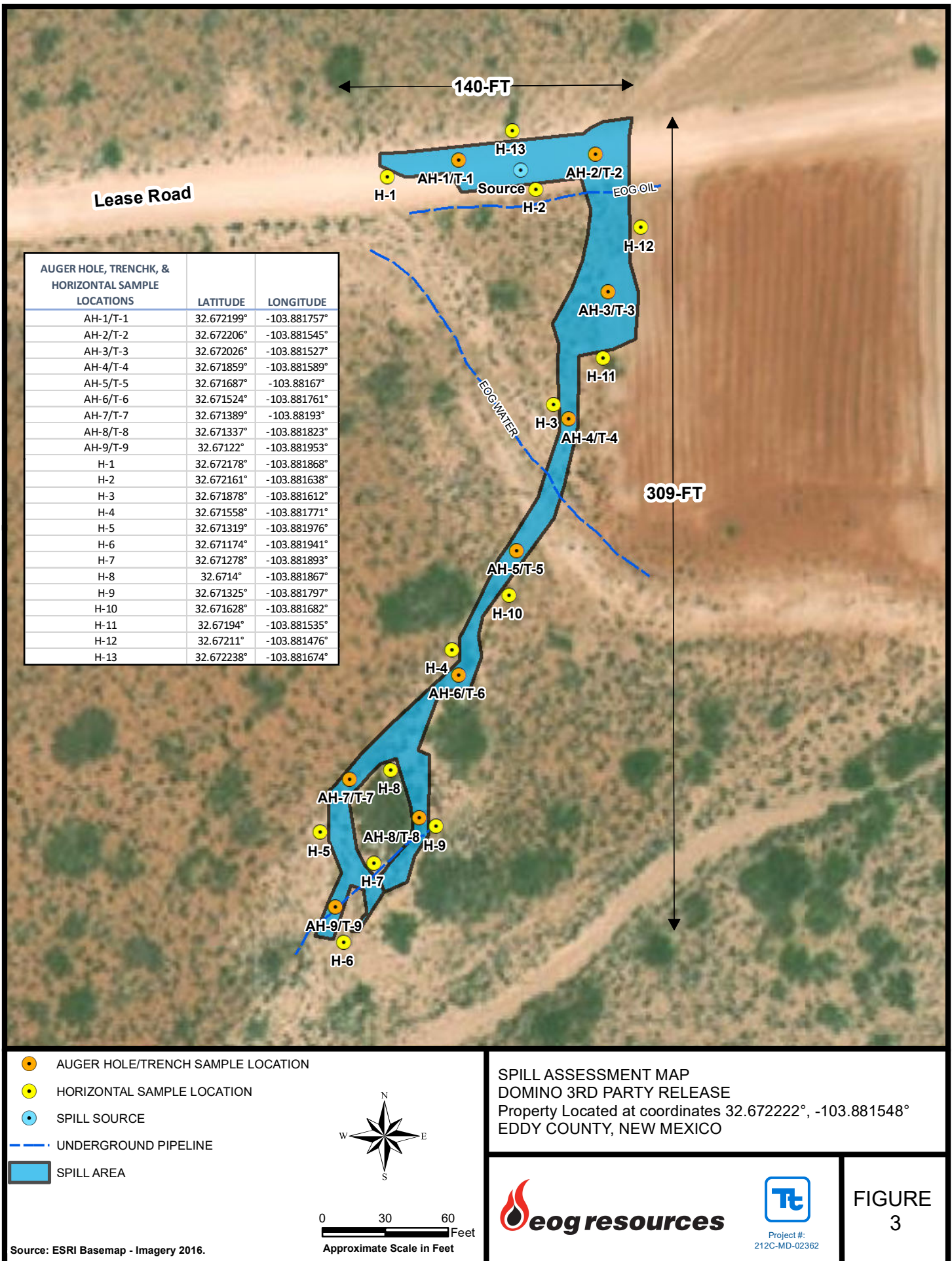


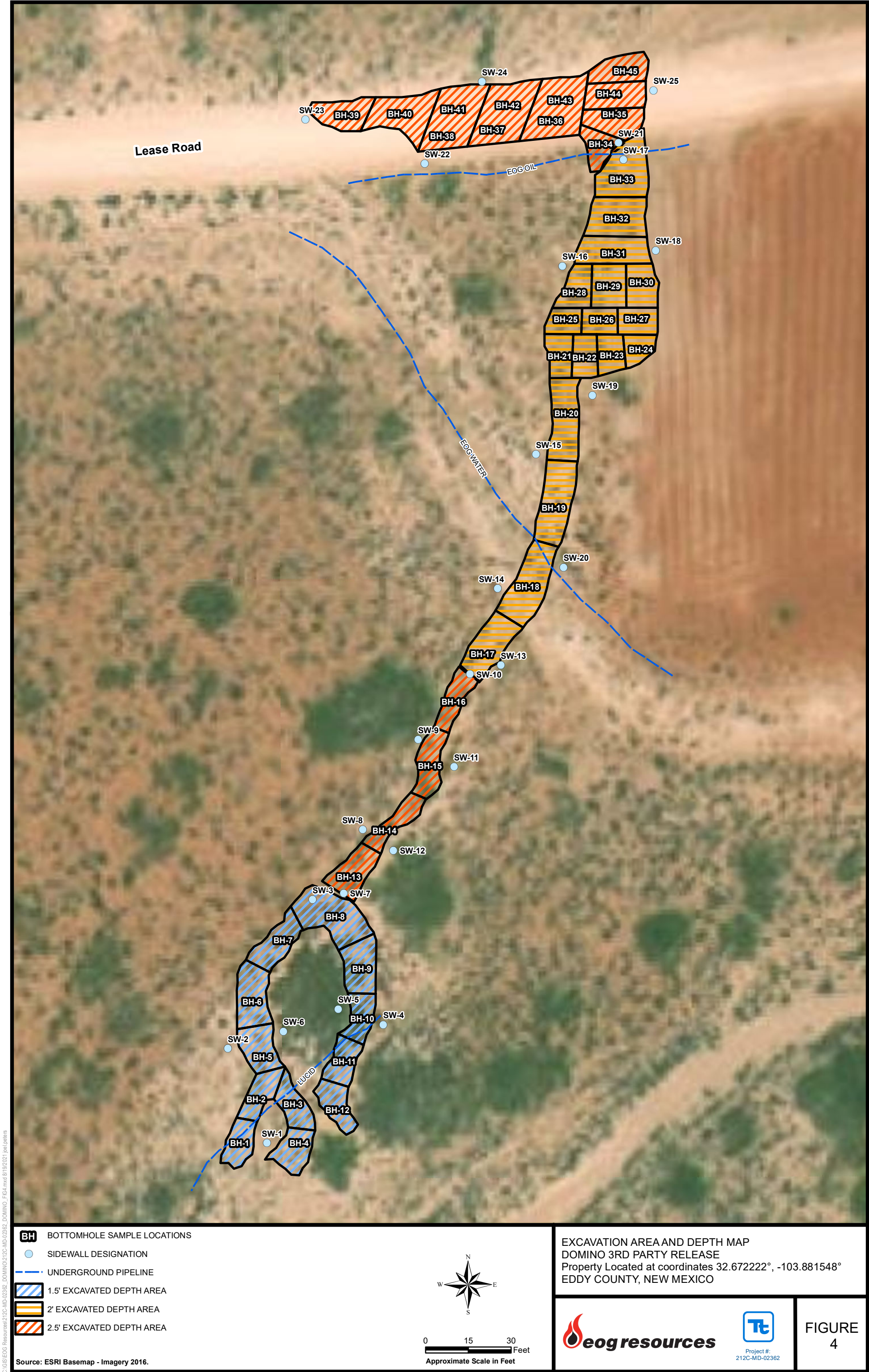
Project #:
212C-MD-02362

FIGURE
2

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

C:\GIS\EOG Resources\212C-MD-02362_DOMINO\212C-MD-02362_DOMINO_FIG2.mxd 11/5/2021 pel-peters





Tables

Table 1
EOG
Domino AOJ Federal Battery
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
AH-1	11/30/2020	0-1	X		280	3,920	418	4,618	0.0823	0.00425	0.0412	0.2204	0.3482	4,770
Trench 1	12/14/2020	0-1	X		56.1	2,200	336	2,592	<0.00201	<0.00201	<0.00201	0.00933	0.00933	1,730
	"	1	X		<49.8	56.2	<49.8	56.2	<0.00199	<0.00199	<0.00199	0.00275	0.00275	91.1
	"	2	X		<50.0	206	<50.0	206	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	207
	"	3	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	41.6
	"	4	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	39.2
	"	5	X		<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	54.2
AH-2	11/30/2020	0-1	X		346	4,870	530	5,746	0.0209	0.150	0.307	14.58	15.06	287
	"	1-1.5	X		144	2,330	282	2,756	0.00326	0.00639	0.109	0.8800	0.9987	336
Trench 2	12/14/2020	0-1	X		1,010	6,930	533	8,473	0.00601	0.322	3.30	18.9	22.5	660
	"	1	X		<50.0	384	<50.0	384	<0.00199	<0.00199	0.0126	0.158	0.171	1,470
	"	2	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	3,250
	"	3	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	975
	"	4	X		<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	69.3
	"	5	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	197
AH-3	11/30/2020	0-1	X		<49.8	1,780	252	2,032	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	3,320
	"	1-1.5	X		<50.0	1,100	163	1,263	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	1,350
Trench 3	12/14/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	13.6
	"	1	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	27.4
	"	2	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	48.5
	"	3	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	16.8
AH-4	11/30/2020	0-1	X		<49.9	116	<49.9	116	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	3,430
	"	1-1.5	X		<50.0	1,250	153	1,403	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	2,360
Trench 4	12/14/2020	0-1	X		<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	1,580
	"	1	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	2,650
	"	2	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	11.6
	"	3	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<4.99
	"	4	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	168
AH-5	11/30/2020	0-1	X		<49.9	1,500	184	1,684	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	2,760
	"	1-1.5	X		<50.0	1,230	161	1,391	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	1,290
Trench 5	12/14/2020	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	33.3
	"	1	X		<50.0	51.8	<50.0	51.8	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	109
	"	2	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	78.4
	"	3	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	18.2
	"	4	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	100

Table 1
EOG
Domino AOJ Federal Battery
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
AH-6	11/30/2020	0-1	X		207	3,710	394	4,311	<0.00198	0.00542	0.0975	0.3018	0.4047	232
	"	1-1.5	X		58.1	636	78.4	772	<0.00199	0.00435	0.0179	0.02920	0.05145	438
	"	2-2.5	X		<50.0	139	<50.0	139	<0.00200	<0.00200	<0.00200	<0.002000	<0.002000	3,200
Trench 6	12/14/2020	0-1	X		220	4,140	438	4,798	<0.00200	0.135	0.187	0.546	0.868	452
	"	1	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	23.8
	"	2	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<5.04
	"	3	X		<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	34.3
	"	4	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	24.4
AH-7	11/30/2020	0-1	X		202	2,400	245	2,847	<0.00198	0.0378	0.980	8.940	9.958	1,930
	"	1-1.5	X		<49.9	<49.9	<49.9	<49.90	<0.00198	0.00591	0.0480	0.2177	0.2716	737
Trench 7	12/14/2020	0-1	X		<250	14,500	2,300	16,800	<0.00198	<0.00198	<0.00198	0.00682	0.00682	575
	"	1	X		<49.9	110	<49.9	110	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	32.6
	"	2	X		<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<5.00
	"	3	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<5.00
	"	4	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	11.1
AH-8	11/30/2020	0-1	X		114	3,940	408	4,462	<0.00198	0.0109	0.0352	0.09310	0.1392	247
	"	1-1.5	X		<49.8	1,180	158	1,338	<0.00198	0.0113	0.0156	0.04680	0.07370	94.8
Trench 8	12/14/2020	0-1	X		869	17,500	2,310	20,700	<0.00201	<0.00201	0.0728	0.416	0.489	4,080
	"	1	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	537
	"	2	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	11.3
	"	3	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	26
	"	4	X		<50.0	256	65.8	322	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	15.5
AH-9	11/30/2020	0-1	X		376	7,870	790	9,036	<0.00199	0.0238	0.0837	0.3960	0.5035	2,930
	"	1-1.5	X		152	4,510	528	5,190	<0.00199	0.00870	0.0342	0.1504	0.1933	1,230
Trench 9	12/14/2020	0-1	X		851	27,700	2,990	31,500	<0.00199	<0.00199	0.117	0.666	0.783	3,950
	"	1	X		<50.0	67.5	<50.0	67.5	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	918
	"	2	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	12.6
	"	3	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	25.6
	"	4	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	13.8

Table 1
EOG
Domino AOJ Federal Battery
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
Horizontal-1	11/30/2020	0-1	X		<50.0	58.4	<50.0	58.40	<0.00200	<0.00200	<0.00200	<0.002000	<0.002000	544
Horizontal-2	11/30/2020	0-1	X		<49.8	<49.8	<49.8	<49.80	<0.00198	<0.00198	<0.00198	<0.001980	<0.001980	11.4
Horizontal-3	11/30/2020	0-1	X		<50.0	<50.0	<50.0	<50.00	<0.00198	<0.00198	<0.00198	<0.001980	<0.001980	11.4
Horizontal-4	11/30/2020	0-1	X		<50.0	<50.0	<50.0	<50.00	<0.00199	<0.00199	<0.00199	<0.001990	<0.001990	11.6
Horizontal-5	11/30/2020	0-1	X		<49.9	<49.9	<49.9	<49.90	<0.00199	<0.00199	<0.00199	<0.001990	<0.001990	11.0
Horizontal-6	11/30/2020	0-1	X		<50.0	<50.0	<50.0	<50.00	<0.00202	<0.00202	<0.00202	<0.002020	<0.002020	15.0
Horizontal-7	11/30/2020	0-1	X		<49.9	<49.9	<49.9	<49.90	<0.00202	<0.00202	0.00526	0.006890	0.01215	11.7
Horizontal-8	11/30/2020	0-1	X		<49.8	<49.8	<49.8	<49.80	<0.00199	<0.00199	<0.00199	<0.001990	<0.001990	82.4
Horizontal-9	11/30/2020	0-1	X		<50.0	<50.0	<50.0	<50.00	<0.00200	<0.00200	<0.00200	<0.002000	<0.002000	14.0
Horizontal-10	11/30/2020	0-1	X		<50.0	<50.0	<50.0	<50.00	<0.00199	<0.00199	<0.00199	<0.001990	<0.001990	11.4
Horizontal-11	11/30/2020	0-1	X		<49.9	<49.9	<49.9	<49.90	<0.00200	<0.00200	<0.00200	<0.002000	<0.002000	13.7
Horizontal-12	11/30/2020	0-1	X		<49.9	<49.9	<49.9	<49.90	<0.00200	<0.00200	<0.00200	<0.002000	<0.002000	92.5
Horizontal-13	11/30/2020	0-1	X		<50.0	<50.0	<50.0	<50.00	<0.00202	<0.00202	<0.00202	<0.002020	<0.002020	14.1

(-) Not Analyzed
 Exceeds Thresholds

Table 2
EOG Resources
Domino 3rd Party Dump
Eddy County, New Mexico

Sample ID	Sample Date	Excavation Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
BH-1	1/5/2021	1.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	16.1
BH-2	1/5/2021	1.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	9.07
BH-3	1/5/2021	1.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	11.1
BH-4	1/5/2021	1.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	17.7
BH-5	1/5/2021	1.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	9.49
BH-6	1/5/2021	1.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	18.6
BH-7	1/5/2021	1.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	15.3
BH-8	1/5/2021	1.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	22.1
BH-9	1/5/2021	1.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<5.00
BH-10	1/5/2021	1.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	12.3
BH-11	1/5/2021	1.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	34.1
BH-12	1/5/2021	1.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	26.7
BH-13	1/5/2021	2.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	28.1
BH-14	1/5/2021	2.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	24.7
BH-15	1/5/2021	2.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	22.9
BH-16	1/5/2021	2.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	24.6
BH-17	1/5/2021	2.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	30.2
BH-18	1/5/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	28.6
BH-19	1/5/2021	2.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	23.2
BH-20	1/5/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	28.8
BH-21	1/5/2021	2.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	26.3
BH-22	1/5/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	24.4
BH-23	1/5/2021	2.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	26.4
BH-24	1/5/2021	2.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	26.1
BH-25	1/5/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	24.8
BH-26	1/5/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	24.9
BH-27	1/5/2021	2.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	23.2
BH-28	1/5/2021	2.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	24.1

Table 2
EOG Resources
Domino 3rd Party Dump
Eddy County, New Mexico

Sample ID	Sample Date	Excavation Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
BH-29	1/5/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	80.5
BH-30	1/5/2021	2.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	81.1
BH-31	1/5/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	83.9
BH-32	1/5/2021	2.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	80.0
BH-33	1/5/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	80.4
BH-34	1/5/2021	2.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	22.6
BH-35	1/5/2021	2.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	52.3
BH-36	1/5/2021	2.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	50.6
BH-37	1/5/2021	2.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	54.8
BH-38	1/5/2021	2.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	55.8
BH-39	1/5/2021	2.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	49.9
BH-40	1/5/2021	2.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	43.1
BH-41	1/5/2021	2.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	10.2
BH-42	1/5/2021	2.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	11.7
BH-43	1/5/2021	2.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	13.5
BH-44	1/5/2021	2.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	11.2
BH-45	1/5/2021	2.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	13.0
SW-1	1/5/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	28.6
SW-2	1/5/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	25.0
SW-3	1/5/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	26.7
SW-4	1/5/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	30.4
SW-5	1/5/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	31.3
SW-6	1/5/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	12.0
SW-7	1/5/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	20.2
SW-8	1/5/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	25.7
SW-9	1/5/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	45.6
SW-10	1/5/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	82.0
SW-11	1/5/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	90.4

Table 2
EOG Resources
Domino 3rd Party Dump
Eddy County, New Mexico

Sample ID	Sample Date	Excavation Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
SW-12	1/5/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	41.7
SW-13	1/5/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	29.9
SW-14	1/5/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	28.1
SW-15	1/5/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	26.1
SW-16	1/5/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	20.0
SW-17	1/5/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	28.2
SW-18	1/5/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	25.9
SW-19	1/5/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	31.0
SW-20	1/5/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	30.0
SW-21	1/5/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	33.2
SW-22	1/5/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	33.8
SW-23	1/5/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	34.8
SW-24	1/5/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	58.8
SW-25	1/5/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	56.7

(-) Not Analyzed

Photos

EOG
Domino 3rd Party Dump
Eddy County, New Mexico



View North, area of Bottomholes 1 through 6



View South, area of Bottomholes 7 through 9

EOG
Domino 3rd Party Dump
Eddy County, New Mexico



TETRA TECH



View North, area of Bottomholes 10 through 12



View Northeast, area of Bottomholes 13 through 15

EOG
Domino 3rd Party Dump
Eddy County, New Mexico



View Southwest, area of Bottomholes 16 through 20



View North, area of Bottomholes 21 through 33

EOG
Domino 3rd Party Dump
Eddy County, New Mexico



TETRA TECH



View Northeast, area of Bottomholes 34 through 38



View West, area of Bottomholes 39 through 45

Appendix A

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NRM2034954593
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude 32.672222° Longitude -103.881548°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Domino AOJ Federal Battery	Site Type 3 rd Party Release on Lease Road
Date Release Discovered 10/23/20	API# (if applicable)

Unit Letter	Section	Township	Range	County
L	9	19S	31E	Eddy

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) 10	Volume Recovered (bbls) 0
☒ Produced Water	Volume Released (bbls) 90	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The lease operator driving on the lease road to the Domino AOJ Federal Battery noticed oil and produced water on the road. It appears that a third party vacuum truck released produced water and oil on the lease road. Approximately 100 bbls of produced water and oil and was released down the road and into the field with 0 bbls recovered.

Incident ID	NRM2034954593
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? More than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? 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 <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Todd Wells</u>	Title: <u>Environmental Specialist</u>
Signature: <u>Todd Wells</u>	Date: <u>12-2-20</u>
email: <u>Todd_Wells@eogresources.com</u>	Telephone: <u>(432) 686-3613</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>12/14/2020</u>

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
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Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Appendix B

Water Well Data
Average Depth to Groundwater (ft)
EOG - Domino 3rd Party Release
Eddy County, New Mexico

18 South			30 East		
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23 44	24
30	29	28	27	26	25
31	32	33	34	35	36

18 South			31 East		
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15 98	14	13 400
19	20	21	22	23 317	24
30	29	28	27	26	25
31	32	33	34	35 261	36

18 South			32 East		
6	5	4 65	3	2	1
7 460	8	9	10	11	12
82	17	16	15	14	13
19	20	21 84	22	23	24
30	29	28	27 429	26	25
31	32	33	34 117	35	36

19 South			30 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
90	32	33	34	35	65
115					

19 South			31 East		
6	5	4	3	2	1
7	8	9 SITE	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
180	29	28 180	27	26	25
30	32	33 107	34 141	35	36
31		140			130

19 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
102	345				
30	29	28	27	26	25
31	32	33	34 250	35	36

20 South			30 East		
6	5 3.5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21 29	22	23	24
30	29 29	28 150	27	26	25
31	32 170	33 191	34	35	36

20 South			31 East		
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15 130	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36 80

20 South			32 East		
6	5	4	3	2	1 21.8
7	8	9	10	11	12
18	17	16	15	14	13
89	20	21	22	23	24
30	29	28	27	26	25
9.9			12.3		
31	32	33	34	35	36 46

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)

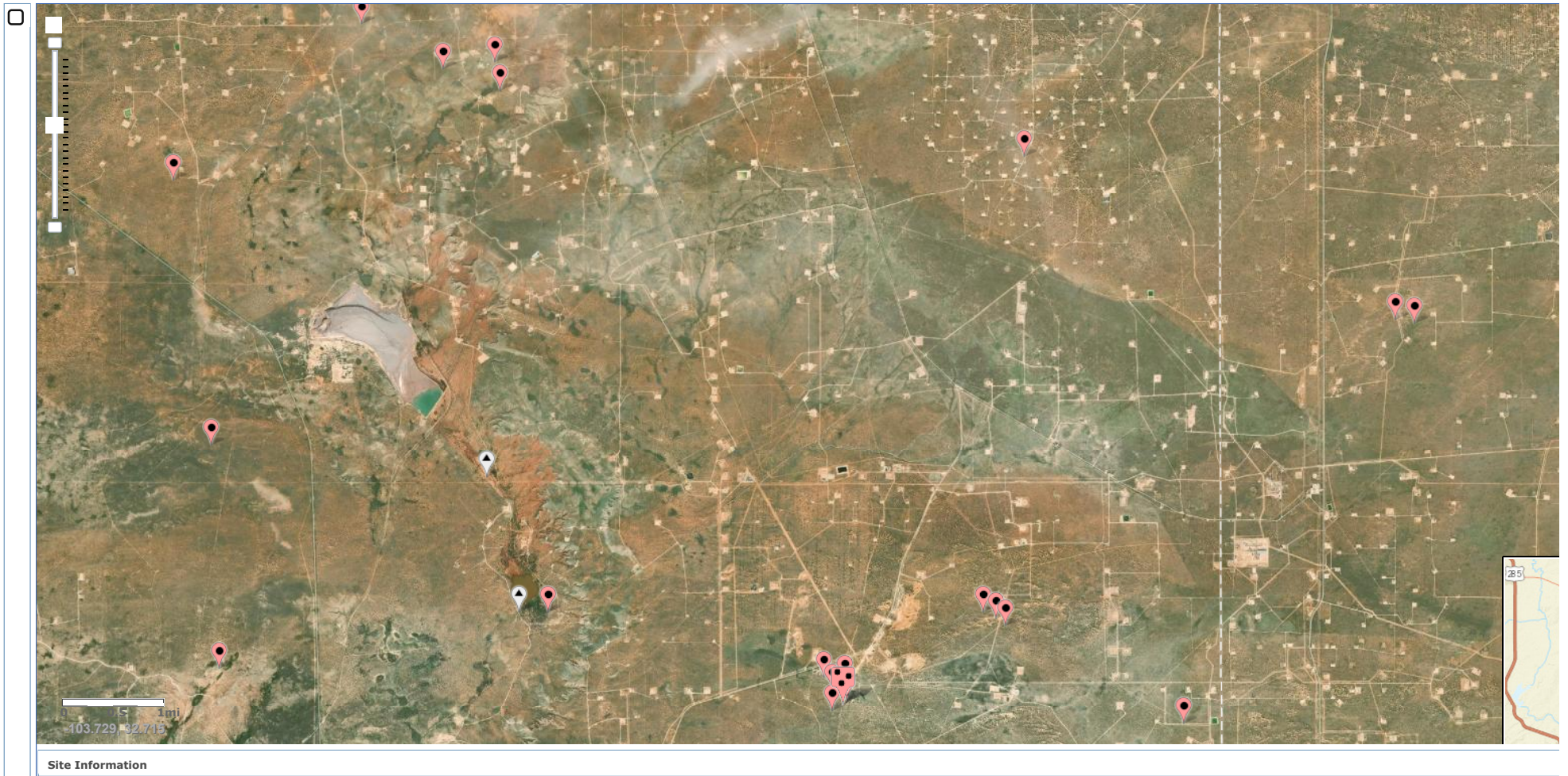
34 NMOCD - Groundwater Data

123 Tetra Tech installed temporary wells and field water level

143 NMOCD Groundwater map well location



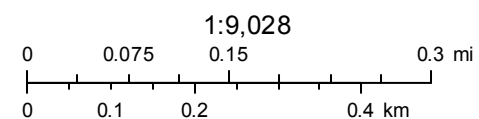
National Water Information System: Mapper



New Mexico NFHL Data



August 4, 2021



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



New Mexico Office of the State Engineer Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00829 POD1	2	4	16	19S	31E		606165	3614009*

Driller License: 122	Driller Company: UNKNOWN	
Driller Name:		
Drill Start Date:	Drill Finish Date:	Plug Date:
Log File Date:	PCW Rcv Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size: 7.00	Depth Well: 120 feet	Depth Water:

*UTM location was derived from PLSS - see Help

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

8/4/21 7:49 AM

POINT OF DIVERSION SUMMARY



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National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

New Mexico

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- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 323807103510601

Minimum number of levels = 1

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

USGS 323807103510601 19S.31E.27.214132

Eddy County, New Mexico

Latitude 32°38'07", Longitude 103°51'06" NAD27

Land-surface elevation 3,500 feet above NAVD88

The depth of the well is 177 feet below land surface.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1983-01-19		D	136.53			2		U		U	A
1988-02-23		D	141.52			2		U		U	A

Explanation

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

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Title: Groundwater for New Mexico: Water Levels

URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=323807103510601&agency_cd=USGS&format=html

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





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USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

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- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 323730103524701

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 323730103524701 19S.31E.28.334133

Eddy County, New Mexico
Latitude 32°37'30", Longitude 103°52'47" NAD27
Land-surface elevation 3,445 feet above NGVD29
The depth of the well is 204.00 feet below land surface.
This well is completed in the Dockum Group (231DCKM) local aquifer.

Output formats

Table of data

Tab-separated data

Graph of data

Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1988-03-08		D	111.38			2	Z	S			U A
1994-03-18		D	118.81			2	Z	S			U A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status	Z	Other conditions existed that would affect the measured water level (explain in remarks).
Method of measurement	S	Steel-tape measurement.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=323730103524701&agency_cd=USGS&format=html

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





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-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00829 POD1		CP	LE	2	4	16	19S	31E		606165	3614009*	1978	120		
CP 01554 POD1		CP	LE	2	2	1	22	19S	31E	607166	3613354	3145	400		
CP 01554 POD2		CP	LE	2	2	1	22	19S	31E	607165	3613322	3167	400		
CP 00873 POD1		CP	LE	1	1	19	19S	31E		601772	3613147*	3890	340	180	160
CP 00849 POD1		CP	LE	3	1	3	35	18S	31E	608012	3618757*	4524	300		
CP 00725 POD1		CP	ED	1	3	3	28	19S	31E	604906	3610473*	5030	231		
CP 00357 POD1		CP	ED	4	4	1	24	19S	30E	600667	3612631*	5089	630		
CP 00722 POD1		CP	LE	4	3	3	28	19S	31E	605106	3610273*	5235	200		
CP 00722 POD1	R	CP	LE	4	3	3	28	19S	31E	605106	3610273*	5235	200		
CP 00357 POD2		CP	ED	4	3	1	24	19S	30E	600265	3612627*	5428	630		
CP 00723 POD1		CP	ED	2	1	1	33	19S	31E	605111	3610071*	5437	139		

Average Depth to Water: **180 feet**

Minimum Depth: **180 feet**

Maximum Depth: **180 feet**

Record Count: 11

UTMNA83 Radius Search (in meters):

Easting (X): 604868.54

Northing (Y): 3615502.99

Radius: 5500

*UTM location was derived from PLSS - see Help

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

8/4/21 6:51 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Low Karst

EOG Resources
Domino 3rd Party Release

Legend

-  CRIT
-  Domino 3rd Party Release
-  HIGH
-  LOW
-  MEDIUM

Domino 3rd Party Release

360

Bluestem Rd

Google Earth

© 2020 Google



4 mi

Appendix C

Certificate of Analysis Summary 679348



Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Tue 12.01.2020 14:08**Report Date:** 12.04.2020 17:04**Project Manager:** Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	679348-001	679348-002	679348-003	679348-004	679348-005	679348-006
	<i>Field Id:</i>	AH-1 (0-1')	AH-2 (0-1')	AH-2 (1'-1.5')	AH-3(0-1')	AH-3 (1'-1.5')	AH-4 (0-1')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	12.03.2020 10:00	12.03.2020 10:00	12.03.2020 10:00	12.03.2020 17:00	12.03.2020 10:00	12.03.2020 10:00
	<i>Analyzed:</i>	12.03.2020 19:01	12.03.2020 19:22	12.03.2020 19:42	12.04.2020 11:00	12.03.2020 20:24	12.03.2020 20:44
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		0.0823 X 0.00198	0.0209 0.00198	0.00326 0.00198	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199
Toluene		0.00425 X 0.00198	0.150 0.00198	0.00639 0.00198	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199
Ethylbenzene		0.0412 X 0.00198	0.307 0.00198	0.109 0.00198	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199
m,p-Xylenes		0.149 XF 0.00397	9.42 D 0.198	0.579 0.00397	<0.00404 0.00404	<0.00400 0.00400	<0.00398 0.00398
o-Xylene		0.0714 X 0.00198	5.16 D 0.0990	0.301 0.00198	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199
Total Xylenes		0.2204 0.001980	14.58 0.09900	0.8800 0.001980	<0.002020 0.002020	<0.002000 0.002000	<0.001990 0.001990
Total BTEX		0.3482 0.001980	15.06 0.001980	0.9987 0.001980	<0.002020 0.002020	<0.002000 0.002000	<0.001990 0.001990
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	12.01.2020 15:00	12.01.2020 15:00	12.01.2020 15:00	12.01.2020 15:00	12.01.2020 15:00	12.01.2020 15:00
	<i>Analyzed:</i>	12.01.2020 18:26	12.01.2020 18:33	12.01.2020 18:55	12.01.2020 19:02	12.01.2020 19:24	12.01.2020 19:32
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		4770 24.9	287 5.00	336 4.95	3320 25.1	1350 5.00	3430 25.3
TPH By SW8015 Mod	<i>Extracted:</i>	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00
	<i>Analyzed:</i>	12.01.2020 20:45	12.01.2020 21:07	12.01.2020 21:29	12.01.2020 21:52	12.01.2020 22:14	12.01.2020 22:36
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		280 50.0	346 49.9	144 49.9	<49.8 49.8	<50.0 50.0	<49.9 49.9
Diesel Range Organics (DRO)		3920 50.0	4870 49.9	2330 49.9	1780 49.8	1100 50.0	116 49.9
Motor Oil Range Hydrocarbons (MRO)		418 50.0	530 49.9	282 49.9	252 49.8	163 50.0	<49.9 49.9
Total TPH		4618 50.00	5746 49.90	2756 49.90	2032 49.80	1263 50.00	116.0 49.90

BRL - Below Reporting Limit

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

Certificate of Analysis Summary 679348



Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Tue 12.01.2020 14:08**Report Date:** 12.04.2020 17:04**Project Manager:** Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i> <i>Field Id:</i> <i>Depth:</i> <i>Matrix:</i> <i>Sampled:</i>	679348-007 AH-4 (1'-1.5') SOIL 11.30.2020 00:00	679348-008 AH-5 (0-1') SOIL 11.30.2020 00:00	679348-009 AH-5 (1'-1.5') SOIL 11.30.2020 00:00	679348-010 AH-6 (0-1') SOIL 11.30.2020 00:00	679348-011 AH-6 (1'-1.5') SOIL 11.30.2020 00:00	679348-012 AH-6 (2'-2.5') SOIL 11.30.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	12.03.2020 10:00 12.03.2020 21:05 mg/kg RL	12.03.2020 10:00 12.03.2020 21:26 mg/kg RL	12.03.2020 10:00 12.03.2020 23:31 mg/kg RL	12.03.2020 10:00 12.03.2020 23:51 mg/kg RL	12.03.2020 17:00 12.04.2020 11:21 mg/kg RL	12.03.2020 10:00 12.04.2020 00:33 mg/kg RL
Benzene		<0.00200 0.00200	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200
Toluene		<0.00200 0.00200	<0.00199 0.00199	<0.00199 0.00199	0.00542 0.00198	0.00435 0.00199	<0.00200 0.00200
Ethylbenzene		<0.00200 0.00200	<0.00199 0.00199	<0.00199 0.00199	0.0975 0.00198	0.0179 0.00199	<0.00200 0.00200
m,p-Xylenes		<0.00399 0.00399	<0.00398 0.00398	<0.00398 0.00398	0.0668 0.00396	0.0154 0.00398	<0.00399 0.00399
o-Xylene		<0.00200 0.00200	<0.00199 0.00199	<0.00199 0.00199	0.235 0.00198	0.0138 0.00199	<0.00200 0.00200
Total Xylenes		<0.002000 0.002000	<0.001990 0.001990	<0.001990 0.001990	0.3018 0.001980	0.02920 0.001990	<0.002000 0.002000
Total BTEX		<0.002000 0.002000	<0.001990 0.001990	<0.001990 0.001990	0.4047 0.001980	0.05145 0.001990	<0.002000 0.002000
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	12.01.2020 15:00 12.01.2020 19:39 mg/kg RL	12.01.2020 16:50 12.01.2020 19:21 mg/kg RL	12.01.2020 16:50 12.01.2020 19:26 mg/kg RL	12.01.2020 16:50 12.01.2020 19:32 mg/kg RL	12.01.2020 16:50 12.01.2020 19:37 mg/kg RL	12.01.2020 16:50 12.01.2020 19:53 mg/kg RL
Chloride		2360 25.3	2760 25.0	1290 5.00	232 5.03	438 4.95	3200 25.2
TPH By SW8015 Mod	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	12.01.2020 17:00 12.01.2020 22:58 mg/kg RL	12.01.2020 17:00 12.01.2020 23:21 mg/kg RL	12.01.2020 17:00 12.01.2020 23:43 mg/kg RL	12.01.2020 17:00 12.02.2020 00:27 mg/kg RL	12.01.2020 17:00 12.01.2020 19:38 mg/kg RL	12.01.2020 17:00 12.02.2020 00:49 mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<49.9 49.9	<50.0 50.0	207 49.9	58.1 50.0	<50.0 50.0
Diesel Range Organics (DRO)		1250 50.0	1500 49.9	1230 50.0	3710 49.9	636 X 50.0	139 50.0
Motor Oil Range Hydrocarbons (MRO)		153 50.0	184 49.9	161 50.0	394 49.9	78.4 50.0	<50.0 50.0
Total TPH		1403 50.00	1684 49.90	1391 50.00	4311 49.90	772.5 50.00	139.0 50.00

BRL - Below Reporting Limit

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

Certificate of Analysis Summary 679348



Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Tue 12.01.2020 14:08**Report Date:** 12.04.2020 17:04**Project Manager:** Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	679348-013	679348-014	679348-015	679348-016	679348-017	679348-018
	<i>Field Id:</i>	AH-7 (0-1')	AH-7 (1'-1.5')	AH-8 (0-1')	AH-8 (1'-1.5')	AH-9 (0-1')	AH-9 (1'-1.5')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	12.03.2020 10:00	12.03.2020 10:00	12.03.2020 10:00	12.03.2020 10:00	12.03.2020 10:00	12.03.2020 10:00
	<i>Analyzed:</i>	12.04.2020 00:53	12.04.2020 01:14	12.04.2020 01:35	12.04.2020 01:55	12.04.2020 02:16	12.04.2020 02:37
	<i>Units/RL:</i>	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	<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199
Toluene		0.0378 0.00198	0.00591 0.00198	0.0109 0.00198	0.0113 0.00198	0.0238 0.00199	0.00870 0.00199
Ethylbenzene		0.980 D 0.198	0.0480 0.00198	0.0352 0.00198	0.0156 0.00198	0.0837 0.00199	0.0342 0.00199
m,p-Xylenes		4.99 D 0.397	0.0807 0.00397	0.0425 0.00397	0.0210 0.00396	0.288 0.00398	0.0982 0.00398
o-Xylene		3.95 D 0.198	0.137 0.00198	0.0506 0.00198	0.0258 0.00198	0.108 0.00199	0.0522 0.00199
Total Xylenes		8.940 0.1980	0.2177 0.001980	0.09310 0.001980	0.04680 0.001980	0.3960 0.001990	0.1504 0.001990
Total BTEX		9.958 0.001980	0.2716 0.001980	0.1392 0.001980	0.07370 0.001980	0.5035 0.001990	0.1933 0.001990
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	12.01.2020 16:50	12.01.2020 16:50	12.01.2020 16:50	12.01.2020 16:50	12.01.2020 16:50	12.01.2020 16:50
	<i>Analyzed:</i>	12.01.2020 19:58	12.01.2020 20:14	12.01.2020 20:19	12.01.2020 20:24	12.01.2020 20:30	12.01.2020 20:35
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		1930 24.9	737 4.96	247 5.00	94.8 4.97	2930 25.1	1230 5.00
TPH By SW8015 Mod	<i>Extracted:</i>	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00
	<i>Analyzed:</i>	12.02.2020 01:11	12.02.2020 01:33	12.02.2020 01:55	12.02.2020 02:17	12.02.2020 02:39	12.02.2020 03:01
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		202 50.0	<49.9 49.9	114 49.9	<49.8 49.8	376 49.9	152 50.0
Diesel Range Organics (DRO)		2400 50.0	<49.9 49.9	3940 49.9	1180 49.8	7870 49.9	4510 50.0
Motor Oil Range Hydrocarbons (MRO)		245 50.0	<49.9 49.9	408 49.9	158 49.8	790 49.9	528 50.0
Total TPH		2847 50.00	<49.90 49.90	4462 49.90	1338 49.80	9036 49.90	5190 50.00

BRL - Below Reporting Limit

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

Analytical Report 679348

for

Tetra Tech- Midland

Project Manager: Mike Carmona

Domino 3rd Party Dump

212C-MD-02362

12.04.2020

Collected By: Client



**1211 W. Florida Ave
Midland TX 79701**

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

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

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



12.04.2020

Project Manager: **Mike Carmona**

Tetra Tech- Midland

901 West Wall ST

Midland, TX 79701

Reference: Eurofins Xenco, LLC Report No(s): **679348**

Domino 3rd Party Dump

Project Address: Eddy County, New Mexico

Mike Carmona:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 679348. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 679348 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

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

Jessica Kramer

Project Manager

A Small Business and Minority Company

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

**Sample Cross Reference 679348****Tetra Tech- Midland, Midland, TX**

Domino 3rd Party Dump

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
AH-1 (0-1')	S	11.30.2020 00:00		679348-001
AH-2 (0-1')	S	11.30.2020 00:00		679348-002
AH-2 (1'-1.5")	S	11.30.2020 00:00		679348-003
AH-3(0-1')	S	11.30.2020 00:00		679348-004
AH-3 (1'-1.5')	S	11.30.2020 00:00		679348-005
AH-4 (0-1')	S	11.30.2020 00:00		679348-006
AH-4 (1'-1.5')	S	11.30.2020 00:00		679348-007
AH-5 (0-1')	S	11.30.2020 00:00		679348-008
AH-5 (1'-1.5')	S	11.30.2020 00:00		679348-009
AH-6 (0-1')	S	11.30.2020 00:00		679348-010
AH-6 (1'-1.5')	S	11.30.2020 00:00		679348-011
AH-6 (2'-2.5')	S	11.30.2020 00:00		679348-012
AH-7 (0-1')	S	11.30.2020 00:00		679348-013
AH-7 (1'-1.5')	S	11.30.2020 00:00		679348-014
AH-8 (0-1')	S	11.30.2020 00:00		679348-015
AH-8 (1'-1.5')	S	11.30.2020 00:00		679348-016
AH-9 (0-1')	S	11.30.2020 00:00		679348-017
AH-9 (1'-1.5')	S	11.30.2020 00:00		679348-018

**CASE NARRATIVE****Client Name: Tetra Tech- Midland****Project Name: Domino 3rd Party Dump**Project ID: 212C-MD-02362
Work Order Number(s): 679348Report Date: 12.04.2020
Date Received: 12.01.2020**Sample receipt non conformances and comments:****Sample receipt non conformances and comments per sample:**

None

Analytical non conformances and comments:

Batch: LBA-3143725 TPH By SW8015 Mod

Lab Sample ID 679348-011 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Diesel Range Organics (DRO) 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: 679348-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018.

The Laboratory Control Sample for Diesel Range Organics (DRO) is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3143911 BTEX by EPA 8021B

Lab Sample ID 679348-001 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 and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 679348-001, -002, -003, -005, -006, -007, -008, -009, -010, -012, -013, -014, -015, -016, -017, -018.

The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected.

Samples affected are: 679348-001 S, 679348-001 SD, 679348-018, 679348-013, 679348-014, 679348-017, 679348-003, 679348-001, 679348-010.

m,p-Xylenes Relative Percent Difference (RPD) between matrix spike and duplicate were above quality control limits.

Samples in the analytical batch are: 679348-001, -002, -003, -005, -006, -007, -008, -009, -010, -012, -013, -014, -015, -016, -017, -018

Batch: LBA-3143914 BTEX by EPA 8021B

Surrogate 1,4-Difluorobenzene, Surrogate 4-Bromofluorobenzene recovered below QC limits. Matrix interferences is suspected.

Samples affected are: 679278-001 SD.



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-1 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-001

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 15:00

% Moisture:

Seq Number: 3143685

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	4770	24.9	mg/kg	12.01.2020 18:26		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	280	50.0	mg/kg	12.01.2020 20:45		1
Diesel Range Organics (DRO)	C10C28DRO	3920	50.0	mg/kg	12.01.2020 20:45		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	418	50.0	mg/kg	12.01.2020 20:45		1
Total TPH	PHC635	4618	50.00	mg/kg	12.01.2020 20:45		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	129	%	70-130	12.01.2020 20:45		
o-Terphenyl	84-15-1	117	%	70-130	12.01.2020 20:45		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-1 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-001

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.0823	0.00198	mg/kg	12.03.2020 19:01	X	1
Toluene	108-88-3	0.00425	0.00198	mg/kg	12.03.2020 19:01	X	1
Ethylbenzene	100-41-4	0.0412	0.00198	mg/kg	12.03.2020 19:01	X	1
m,p-Xylenes	179601-23-1	0.149	0.00397	mg/kg	12.03.2020 19:01	XF	1
o-Xylene	95-47-6	0.0714	0.00198	mg/kg	12.03.2020 19:01	X	1
Total Xylenes	1330-20-7	0.2204	0.001980	mg/kg	12.03.2020 19:01		1
Total BTEX		0.3482	0.001980	mg/kg	12.03.2020 19:01		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	87	%	70-130	12.03.2020 19:01		
4-Bromofluorobenzene	460-00-4	156	%	70-130	12.03.2020 19:01	**	



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-2 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-002

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 15:00

% Moisture:

Seq Number: 3143685

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	287	5.00	mg/kg	12.01.2020 18:33		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	346	49.9	mg/kg	12.01.2020 21:07		1
Diesel Range Organics (DRO)	C10C28DRO	4870	49.9	mg/kg	12.01.2020 21:07		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	530	49.9	mg/kg	12.01.2020 21:07		1
Total TPH	PHC635	5746	49.90	mg/kg	12.01.2020 21:07		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	122	%	70-130	12.01.2020 21:07		
o-Terphenyl	84-15-1	94	%	70-130	12.01.2020 21:07		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-2 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-002

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.0209	0.00198	mg/kg	12.03.2020 19:22		1
Toluene	108-88-3	0.150	0.00198	mg/kg	12.03.2020 19:22		1
Ethylbenzene	100-41-4	0.307	0.00198	mg/kg	12.03.2020 19:22		1
m,p-Xylenes	179601-23-1	9.42	0.198	mg/kg	12.04.2020 13:03	D	50
o-Xylene	95-47-6	5.16	0.0990	mg/kg	12.04.2020 13:03	D	50
Total Xylenes	1330-20-7	14.58	0.09900	mg/kg	12.04.2020 13:03		50
Total BTEX		15.06	0.001980	mg/kg	12.04.2020 13:03		50
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	121	%	70-130	12.03.2020 19:22		
1,4-Difluorobenzene	540-36-3	102	%	70-130	12.03.2020 19:22		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-2 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-003

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 15:00

% Moisture:

Seq Number: 3143685

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	336	4.95	mg/kg	12.01.2020 18:55		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	144	49.9	mg/kg	12.01.2020 21:29		1
Diesel Range Organics (DRO)	C10C28DRO	2330	49.9	mg/kg	12.01.2020 21:29		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	282	49.9	mg/kg	12.01.2020 21:29		1
Total TPH	PHC635	2756	49.90	mg/kg	12.01.2020 21:29		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	118	%	70-130	12.01.2020 21:29		
o-Terphenyl	84-15-1	98	%	70-130	12.01.2020 21:29		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-2 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-003

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.00326	0.00198	mg/kg	12.03.2020 19:42		1
Toluene	108-88-3	0.00639	0.00198	mg/kg	12.03.2020 19:42		1
Ethylbenzene	100-41-4	0.109	0.00198	mg/kg	12.03.2020 19:42		1
m,p-Xylenes	179601-23-1	0.579	0.00397	mg/kg	12.03.2020 19:42		1
o-Xylene	95-47-6	0.301	0.00198	mg/kg	12.03.2020 19:42		1
Total Xylenes	1330-20-7	0.8800	0.001980	mg/kg	12.03.2020 19:42		1
Total BTEX		0.9987	0.001980	mg/kg	12.03.2020 19:42		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	387	%	70-130	12.03.2020 19:42	**	
1,4-Difluorobenzene	540-36-3	99	%	70-130	12.03.2020 19:42		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-3(0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-004

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 15:00

% Moisture:

Seq Number: 3143685

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	3320	25.1	mg/kg	12.01.2020 19:02		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.01.2020 21:52	U	1
Diesel Range Organics (DRO)	C10C28DRO	1780	49.8	mg/kg	12.01.2020 21:52		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	252	49.8	mg/kg	12.01.2020 21:52		1
Total TPH	PHC635	2032	49.80	mg/kg	12.01.2020 21:52		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	93	%	70-130	12.01.2020 21:52		
o-Terphenyl	84-15-1	91	%	70-130	12.01.2020 21:52		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-3(0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-004

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 17:00

% Moisture:

Seq Number: 3143914

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	12.04.2020 11:00	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	12.04.2020 11:00	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	12.04.2020 11:00	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	12.04.2020 11:00	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	12.04.2020 11:00	U	1
Total Xylenes	1330-20-7	<0.002020	0.002020	mg/kg	12.04.2020 11:00	U	1
Total BTEX		<0.002020	0.002020	mg/kg	12.04.2020 11:00	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	119	%	70-130	12.04.2020 11:00		
1,4-Difluorobenzene	540-36-3	100	%	70-130	12.04.2020 11:00		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-3 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-005

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 15:00

% Moisture:

Seq Number: 3143685

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1350	5.00	mg/kg	12.01.2020 19:24		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.01.2020 22:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	1100	50.0	mg/kg	12.01.2020 22:14		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	163	50.0	mg/kg	12.01.2020 22:14		1
Total TPH	PHC635	1263	50.00	mg/kg	12.01.2020 22:14		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	94	%	70-130	12.01.2020 22:14		
o-Terphenyl	84-15-1	88	%	70-130	12.01.2020 22:14		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-3 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-005

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.03.2020 20:24	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.03.2020 20:24	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.03.2020 20:24	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	12.03.2020 20:24	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.03.2020 20:24	U	1
Total Xylenes	1330-20-7	<0.002000	0.002000	mg/kg	12.03.2020 20:24	U	1
Total BTEX		<0.002000	0.002000	mg/kg	12.03.2020 20:24	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	89	%	70-130	12.03.2020 20:24		
4-Bromofluorobenzene	460-00-4	115	%	70-130	12.03.2020 20:24		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-4 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-006

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 15:00

% Moisture:

Seq Number: 3143685

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	3430	25.3	mg/kg	12.01.2020 19:32		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.01.2020 22:36	U	1
Diesel Range Organics (DRO)	C10C28DRO	116	49.9	mg/kg	12.01.2020 22:36		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.01.2020 22:36	U	1
Total TPH	PHC635	116.0	49.90	mg/kg	12.01.2020 22:36		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	94	%	70-130	12.01.2020 22:36		
o-Terphenyl	84-15-1	96	%	70-130	12.01.2020 22:36		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-4 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-006

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.03.2020 20:44	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.03.2020 20:44	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.03.2020 20:44	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.03.2020 20:44	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.03.2020 20:44	U	1
Total Xylenes	1330-20-7	<0.001990	0.001990	mg/kg	12.03.2020 20:44	U	1
Total BTEX		<0.001990	0.001990	mg/kg	12.03.2020 20:44	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	113	%	70-130	12.03.2020 20:44		
1,4-Difluorobenzene	540-36-3	92	%	70-130	12.03.2020 20:44		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-4 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-007

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 15:00

% Moisture:

Seq Number: 3143685

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	2360	25.3	mg/kg	12.01.2020 19:39		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.01.2020 22:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	1250	50.0	mg/kg	12.01.2020 22:58		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	153	50.0	mg/kg	12.01.2020 22:58		1
Total TPH	PHC635	1403	50.00	mg/kg	12.01.2020 22:58		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	92	%	70-130	12.01.2020 22:58		
o-Terphenyl	84-15-1	92	%	70-130	12.01.2020 22:58		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-4 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-007

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.03.2020 21:05	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.03.2020 21:05	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.03.2020 21:05	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.03.2020 21:05	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.03.2020 21:05	U	1
Total Xylenes	1330-20-7	<0.002000	0.002000	mg/kg	12.03.2020 21:05	U	1
Total BTEX		<0.002000	0.002000	mg/kg	12.03.2020 21:05	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	108	%	70-130	12.03.2020 21:05		
1,4-Difluorobenzene	540-36-3	95	%	70-130	12.03.2020 21:05		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-5 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-008

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 16:50

% Moisture:

Seq Number: 3143689

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	2760	25.0	mg/kg	12.01.2020 19:21		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.01.2020 23:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	1500	49.9	mg/kg	12.01.2020 23:21		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	184	49.9	mg/kg	12.01.2020 23:21		1
Total TPH	PHC635	1684	49.90	mg/kg	12.01.2020 23:21		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	103	%	70-130	12.01.2020 23:21		
o-Terphenyl	84-15-1	98	%	70-130	12.01.2020 23:21		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-5 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-008

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.03.2020 21:26	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.03.2020 21:26	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.03.2020 21:26	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.03.2020 21:26	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.03.2020 21:26	U	1
Total Xylenes	1330-20-7	<0.001990	0.001990	mg/kg	12.03.2020 21:26	U	1
Total BTEX		<0.001990	0.001990	mg/kg	12.03.2020 21:26	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	128	%	70-130	12.03.2020 21:26		
1,4-Difluorobenzene	540-36-3	100	%	70-130	12.03.2020 21:26		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-5 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-009

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 16:50

% Moisture:

Seq Number: 3143689

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1290	5.00	mg/kg	12.01.2020 19:26		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.01.2020 23:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	1230	50.0	mg/kg	12.01.2020 23:43		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	161	50.0	mg/kg	12.01.2020 23:43		1
Total TPH	PHC635	1391	50.00	mg/kg	12.01.2020 23:43		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	96	%	70-130	12.01.2020 23:43		
o-Terphenyl	84-15-1	95	%	70-130	12.01.2020 23:43		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-5 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-009

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.03.2020 23:31	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.03.2020 23:31	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.03.2020 23:31	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.03.2020 23:31	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.03.2020 23:31	U	1
Total Xylenes	1330-20-7	<0.001990	0.001990	mg/kg	12.03.2020 23:31	U	1
Total BTEX		<0.001990	0.001990	mg/kg	12.03.2020 23:31	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	93	%	70-130	12.03.2020 23:31		
1,4-Difluorobenzene	540-36-3	90	%	70-130	12.03.2020 23:31		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-6 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-010

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 16:50

% Moisture:

Seq Number: 3143689

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	232	5.03	mg/kg	12.01.2020 19:32		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	207	49.9	mg/kg	12.02.2020 00:27		1
Diesel Range Organics (DRO)	C10C28DRO	3710	49.9	mg/kg	12.02.2020 00:27		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	394	49.9	mg/kg	12.02.2020 00:27		1
Total TPH	PHC635	4311	49.90	mg/kg	12.02.2020 00:27		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	118	%	70-130	12.02.2020 00:27		
o-Terphenyl	84-15-1	97	%	70-130	12.02.2020 00:27		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-6 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-010

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	12.03.2020 23:51	U	1
Toluene	108-88-3	0.00542	0.00198	mg/kg	12.03.2020 23:51		1
Ethylbenzene	100-41-4	0.0975	0.00198	mg/kg	12.03.2020 23:51		1
m,p-Xylenes	179601-23-1	0.0668	0.00396	mg/kg	12.03.2020 23:51		1
o-Xylene	95-47-6	0.235	0.00198	mg/kg	12.03.2020 23:51		1
Total Xylenes	1330-20-7	0.3018	0.001980	mg/kg	12.03.2020 23:51		1
Total BTEX		0.4047	0.001980	mg/kg	12.03.2020 23:51		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	96	%	70-130	12.03.2020 23:51		
4-Bromofluorobenzene	460-00-4	570	%	70-130	12.03.2020 23:51	**	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-6 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-011

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 16:50

% Moisture:

Seq Number: 3143689

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	438	4.95	mg/kg	12.01.2020 19:37		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	58.1	50.0	mg/kg	12.01.2020 19:38		1
Diesel Range Organics (DRO)	C10C28DRO	636	50.0	mg/kg	12.01.2020 19:38	X	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	78.4	50.0	mg/kg	12.01.2020 19:38		1
Total TPH	PHC635	772.5	50.00	mg/kg	12.01.2020 19:38		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	96	%	70-130	12.01.2020 19:38		
o-Terphenyl	84-15-1	105	%	70-130	12.01.2020 19:38		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-6 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-011

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 17:00

% Moisture:

Seq Number: 3143914

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.04.2020 11:21	U	1
Toluene	108-88-3	0.00435	0.00199	mg/kg	12.04.2020 11:21		1
Ethylbenzene	100-41-4	0.0179	0.00199	mg/kg	12.04.2020 11:21		1
m,p-Xylenes	179601-23-1	0.0154	0.00398	mg/kg	12.04.2020 11:21		1
o-Xylene	95-47-6	0.0138	0.00199	mg/kg	12.04.2020 11:21		1
Total Xylenes	1330-20-7	0.02920	0.001990	mg/kg	12.04.2020 11:21		1
Total BTEX		0.05145	0.001990	mg/kg	12.04.2020 11:21		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	90	%	70-130	12.04.2020 11:21		
4-Bromofluorobenzene	460-00-4	231	%	70-130	12.04.2020 11:21	**	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-6 (2'-2.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-012

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 16:50

% Moisture:

Seq Number: 3143689

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	3200	25.2	mg/kg	12.01.2020 19:53		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.02.2020 00:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	139	50.0	mg/kg	12.02.2020 00:49		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.02.2020 00:49	U	1
Total TPH	PHC635	139.0	50.00	mg/kg	12.02.2020 00:49		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	93	%	70-130	12.02.2020 00:49		
o-Terphenyl	84-15-1	97	%	70-130	12.02.2020 00:49		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-6 (2'-2.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-012

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.04.2020 00:33	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.04.2020 00:33	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.04.2020 00:33	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.04.2020 00:33	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.04.2020 00:33	U	1
Total Xylenes	1330-20-7	<0.002000	0.002000	mg/kg	12.04.2020 00:33	U	1
Total BTEX		<0.002000	0.002000	mg/kg	12.04.2020 00:33	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	93	%	70-130	12.04.2020 00:33		
4-Bromofluorobenzene	460-00-4	128	%	70-130	12.04.2020 00:33		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-7 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-013

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 16:50

% Moisture:

Seq Number: 3143689

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1930	24.9	mg/kg	12.01.2020 19:58		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	202	50.0	mg/kg	12.02.2020 01:11		1
Diesel Range Organics (DRO)	C10C28DRO	2400	50.0	mg/kg	12.02.2020 01:11		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	245	50.0	mg/kg	12.02.2020 01:11		1
Total TPH	PHC635	2847	50.00	mg/kg	12.02.2020 01:11		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	117	%	70-130	12.02.2020 01:11		
o-Terphenyl	84-15-1	92	%	70-130	12.02.2020 01:11		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-7 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-013

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	12.04.2020 00:53	U	1
Toluene	108-88-3	0.0378	0.00198	mg/kg	12.04.2020 00:53		1
Ethylbenzene	100-41-4	0.980	0.198	mg/kg	12.04.2020 13:24	D	100
m,p-Xylenes	179601-23-1	4.99	0.397	mg/kg	12.04.2020 13:24	D	100
o-Xylene	95-47-6	3.95	0.198	mg/kg	12.04.2020 13:24	D	100
Total Xylenes	1330-20-7	8.940	0.1980	mg/kg	12.04.2020 13:24		100
Total BTEX		9.958	0.001980	mg/kg	12.04.2020 13:24		100
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	75	%	70-130	12.04.2020 00:53		
4-Bromofluorobenzene	460-00-4	1033	%	70-130	12.04.2020 00:53	**	



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-7 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-014

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 16:50

% Moisture:

Seq Number: 3143689

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	737	4.96	mg/kg	12.01.2020 20:14		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.02.2020 01:33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.02.2020 01:33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.02.2020 01:33	U	1
Total TPH	PHC635	<49.90	49.90	mg/kg	12.02.2020 01:33	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	82	%	70-130	12.02.2020 01:33		
o-Terphenyl	84-15-1	85	%	70-130	12.02.2020 01:33		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-7 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-014

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	12.04.2020 01:14	U	1
Toluene	108-88-3	0.00591	0.00198	mg/kg	12.04.2020 01:14		1
Ethylbenzene	100-41-4	0.0480	0.00198	mg/kg	12.04.2020 01:14		1
m,p-Xylenes	179601-23-1	0.0807	0.00397	mg/kg	12.04.2020 01:14		1
o-Xylene	95-47-6	0.137	0.00198	mg/kg	12.04.2020 01:14		1
Total Xylenes	1330-20-7	0.2177	0.001980	mg/kg	12.04.2020 01:14		1
Total BTEX		0.2716	0.001980	mg/kg	12.04.2020 01:14		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	186	%	70-130	12.04.2020 01:14	**	
1,4-Difluorobenzene	540-36-3	88	%	70-130	12.04.2020 01:14		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-8 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-015

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 16:50

% Moisture:

Seq Number: 3143689

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	247	5.00	mg/kg	12.01.2020 20:19		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	114	49.9	mg/kg	12.02.2020 01:55		1
Diesel Range Organics (DRO)	C10C28DRO	3940	49.9	mg/kg	12.02.2020 01:55		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	408	49.9	mg/kg	12.02.2020 01:55		1
Total TPH	PHC635	4462	49.90	mg/kg	12.02.2020 01:55		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	102	%	70-130	12.02.2020 01:55		
o-Terphenyl	84-15-1	82	%	70-130	12.02.2020 01:55		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-8 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-015

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	12.04.2020 01:35	U	1
Toluene	108-88-3	0.0109	0.00198	mg/kg	12.04.2020 01:35		1
Ethylbenzene	100-41-4	0.0352	0.00198	mg/kg	12.04.2020 01:35		1
m,p-Xylenes	179601-23-1	0.0425	0.00397	mg/kg	12.04.2020 01:35		1
o-Xylene	95-47-6	0.0506	0.00198	mg/kg	12.04.2020 01:35		1
Total Xylenes	1330-20-7	0.09310	0.001980	mg/kg	12.04.2020 01:35		1
Total BTEX		0.1392	0.001980	mg/kg	12.04.2020 01:35		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	105	%	70-130	12.04.2020 01:35		
1,4-Difluorobenzene	540-36-3	73	%	70-130	12.04.2020 01:35		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-8 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-016

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 16:50

% Moisture:

Seq Number: 3143689

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	94.8	4.97	mg/kg	12.01.2020 20:24		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.02.2020 02:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	1180	49.8	mg/kg	12.02.2020 02:17		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	158	49.8	mg/kg	12.02.2020 02:17		1
Total TPH	PHC635	1338	49.80	mg/kg	12.02.2020 02:17		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	95	%	70-130	12.02.2020 02:17		
o-Terphenyl	84-15-1	90	%	70-130	12.02.2020 02:17		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-8 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-016

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	12.04.2020 01:55	U	1
Toluene	108-88-3	0.0113	0.00198	mg/kg	12.04.2020 01:55		1
Ethylbenzene	100-41-4	0.0156	0.00198	mg/kg	12.04.2020 01:55		1
m,p-Xylenes	179601-23-1	0.0210	0.00396	mg/kg	12.04.2020 01:55		1
o-Xylene	95-47-6	0.0258	0.00198	mg/kg	12.04.2020 01:55		1
Total Xylenes	1330-20-7	0.04680	0.001980	mg/kg	12.04.2020 01:55		1
Total BTEX		0.07370	0.001980	mg/kg	12.04.2020 01:55		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	115	%	70-130	12.04.2020 01:55		
1,4-Difluorobenzene	540-36-3	75	%	70-130	12.04.2020 01:55		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-9 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-017

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 16:50

% Moisture:

Seq Number: 3143689

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	2930	25.1	mg/kg	12.01.2020 20:30		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	376	49.9	mg/kg	12.02.2020 02:39		1
Diesel Range Organics (DRO)	C10C28DRO	7870	49.9	mg/kg	12.02.2020 02:39		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	790	49.9	mg/kg	12.02.2020 02:39		1
Total TPH	PHC635	9036	49.90	mg/kg	12.02.2020 02:39		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	120	%	70-130	12.02.2020 02:39		
o-Terphenyl	84-15-1	97	%	70-130	12.02.2020 02:39		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-9 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-017

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.04.2020 02:16	U	1
Toluene	108-88-3	0.0238	0.00199	mg/kg	12.04.2020 02:16		1
Ethylbenzene	100-41-4	0.0837	0.00199	mg/kg	12.04.2020 02:16		1
m,p-Xylenes	179601-23-1	0.288	0.00398	mg/kg	12.04.2020 02:16		1
o-Xylene	95-47-6	0.108	0.00199	mg/kg	12.04.2020 02:16		1
Total Xylenes	1330-20-7	0.3960	0.001990	mg/kg	12.04.2020 02:16		1
Total BTEX		0.5035	0.001990	mg/kg	12.04.2020 02:16		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	312	%	70-130	12.04.2020 02:16	**	
1,4-Difluorobenzene	540-36-3	81	%	70-130	12.04.2020 02:16		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-9 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-018

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 16:50

% Moisture:

Seq Number: 3143689

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1230	5.00	mg/kg	12.01.2020 20:35		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143725

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	152	50.0	mg/kg	12.02.2020 03:01		1
Diesel Range Organics (DRO)	C10C28DRO	4510	50.0	mg/kg	12.02.2020 03:01		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	528	50.0	mg/kg	12.02.2020 03:01		1
Total TPH	PHC635	5190	50.00	mg/kg	12.02.2020 03:01		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	117	%	70-130	12.02.2020 03:01		
o-Terphenyl	84-15-1	91	%	70-130	12.02.2020 03:01		



Certificate of Analytical Results 679348

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **AH-9 (1'-1.5')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679348-018

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 10:00

% Moisture:

Seq Number: 3143911

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.04.2020 02:37	U	1
Toluene	108-88-3	0.00870	0.00199	mg/kg	12.04.2020 02:37		1
Ethylbenzene	100-41-4	0.0342	0.00199	mg/kg	12.04.2020 02:37		1
m,p-Xylenes	179601-23-1	0.0982	0.00398	mg/kg	12.04.2020 02:37		1
o-Xylene	95-47-6	0.0522	0.00199	mg/kg	12.04.2020 02:37		1
Total Xylenes	1330-20-7	0.1504	0.001990	mg/kg	12.04.2020 02:37		1
Total BTEX		0.1933	0.001990	mg/kg	12.04.2020 02:37		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	154	%	70-130	12.04.2020 02:37	**	
1,4-Difluorobenzene	540-36-3	86	%	70-130	12.04.2020 02:37		

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

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

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

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

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

+ NELAC certification not offered for this compound.

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



Tetra Tech- Midland

Domino 3rd Party Dump

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3143685

Matrix: Solid

Prep Method: E300P

Date Prep: 12.01.2020

MB Sample Id: 7716190-1-BLK

LCS Sample Id: 7716190-1-BKS

LCSD Sample Id: 7716190-1-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	264	106	265	106	90-110	0	20	mg/kg	12.01.2020 16:36	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3143689

Matrix: Solid

Prep Method: E300P

Date Prep: 12.01.2020

MB Sample Id: 7716191-1-BLK

LCS Sample Id: 7716191-1-BKS

LCSD Sample Id: 7716191-1-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	252	101	253	101	90-110	0	20	mg/kg	12.01.2020 18:12	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3143685

Matrix: Soil

Prep Method: E300P

Date Prep: 12.01.2020

Parent Sample Id: 679301-001

MS Sample Id: 679301-001 S

MSD Sample Id: 679301-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	1390	1250	2650	101	2670	102	90-110	1	20	mg/kg	12.02.2020 12:37	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3143685

Matrix: Soil

Prep Method: E300P

Date Prep: 12.01.2020

Parent Sample Id: 679348-002

MS Sample Id: 679348-002 S

MSD Sample Id: 679348-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	287	250	522	94	521	94	90-110	0	20	mg/kg	12.01.2020 18:40	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3143689

Matrix: Soil

Prep Method: E300P

Date Prep: 12.01.2020

Parent Sample Id: 679286-001

MS Sample Id: 679286-001 S

MSD Sample Id: 679286-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	16.2	251	279	105	282	106	90-110	1	20	mg/kg	12.01.2020 18:28	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3143689

Matrix: Soil

Prep Method: E300P

Date Prep: 12.01.2020

Parent Sample Id: 679348-011

MS Sample Id: 679348-011 S

MSD Sample Id: 679348-011 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	438	248	676	96	677	96	90-110	0	20	mg/kg	12.01.2020 19:42	

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



Tetra Tech- Midland

Domino 3rd Party Dump

Analytical Method: TPH By SW8015 Mod

Seq Number: 3143725

MB Sample Id: 7716219-1-BLK

Matrix: Solid

LCS Sample Id: 7716219-1-BKS

Prep Method: SW8015P

Date Prep: 12.01.2020

LCSD Sample Id: 7716219-1-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	908	91	921	92	70-130	1	20	mg/kg	12.01.2020 18:55	
Diesel Range Organics (DRO)	<50.0	1000	897	90	883	88	70-130	2	20	mg/kg	12.01.2020 18:55	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	90		101		105		70-130	%	12.01.2020 18:55
o-Terphenyl	93		100		103		70-130	%	12.01.2020 18:55

Analytical Method: TPH By SW8015 Mod

Seq Number: 3143725

MB Sample Id: 7716219-1-BLK

Matrix: Solid

Prep Method: SW8015P

Date Prep: 12.01.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	12.01.2020 18:33	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3143725

Parent Sample Id: 679348-011

Matrix: Soil

MS Sample Id: 679348-011 S

Prep Method: SW8015P

Date Prep: 12.01.2020

MSD Sample Id: 679348-011 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)	58.1	997	859	80	856	80	70-130	0	20	mg/kg	12.01.2020 20:00	
Diesel Range Organics (DRO)	636	997	1060	43	1060	43	70-130	0	20	mg/kg	12.01.2020 20:00	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	95		99		70-130	%	12.01.2020 20:00
o-Terphenyl	96		96		70-130	%	12.01.2020 20:00

Analytical Method: BTEX by EPA 8021B

Seq Number: 3143911

MB Sample Id: 7716406-1-BLK

Matrix: Solid

LCS Sample Id: 7716406-1-BKS

Prep Method: SW5035A

Date Prep: 12.03.2020

LCSD Sample Id: 7716406-1-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	0.0901	90	70-130	14	35	mg/kg	12.03.2020 16:39	
Toluene	<0.00200	0.100	0.106	106	0.0914	91	70-130	15	35	mg/kg	12.03.2020 16:39	
Ethylbenzene	<0.00200	0.100	0.109	109	0.0917	92	70-130	17	35	mg/kg	12.03.2020 16:39	
m,p-Xylenes	<0.00400	0.200	0.209	105	0.179	90	70-130	15	35	mg/kg	12.03.2020 16:39	
o-Xylene	<0.00200	0.100	0.103	103	0.0905	91	70-130	13	35	mg/kg	12.03.2020 16:39	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	81		92		92		70-130	%	12.03.2020 16:39
4-Bromofluorobenzene	82		96		94		70-130	%	12.03.2020 16:39

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



Tetra Tech- Midland Domino 3rd Party Dump

Analytical Method: BTEX by EPA 8021B

Seq Number: 3143914

Matrix: Solid

Prep Method: SW5035A

Date Prep: 12.03.2020

MB Sample Id: 7716408-1-BLK

LCS Sample Id: 7716408-1-BKS

LCSD Sample Id: 7716408-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0924	92	0.0930	93	70-130	1	35	mg/kg	12.04.2020 03:30	
Toluene	<0.00200	0.100	0.0884	88	0.0883	88	70-130	0	35	mg/kg	12.04.2020 03:30	
Ethylbenzene	<0.00200	0.100	0.0977	98	0.0978	98	70-130	0	35	mg/kg	12.04.2020 03:30	
m,p-Xylenes	<0.00400	0.200	0.192	96	0.192	96	70-130	0	35	mg/kg	12.04.2020 03:30	
o-Xylene	<0.00200	0.100	0.0959	96	0.0966	97	70-130	1	35	mg/kg	12.04.2020 03:30	

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	%	12.04.2020 03:30
4-Bromofluorobenzene	105		103		100		70-130	%	12.04.2020 03:30

Analytical Method: BTEX by EPA 8021B

Seq Number: 3143911

Matrix: Soil

Prep Method: SW5035A

Date Prep: 12.03.2020

Parent Sample Id: 679348-001

MS Sample Id: 679348-001 S

MSD Sample Id: 679348-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	0.0823	0.0998	0.0565	0	0.0437	0	70-130	26	35	mg/kg	12.03.2020 17:20	X
Toluene	0.00425	0.0998	0.0509	47	0.0420	38	70-130	19	35	mg/kg	12.03.2020 17:20	X
Ethylbenzene	0.0412	0.0998	0.0901	49	0.0862	45	70-130	4	35	mg/kg	12.03.2020 17:20	X
m,p-Xylenes	0.149	0.200	0.246	49	0.152	2	70-130	47	35	mg/kg	12.03.2020 17:20	XF
o-Xylene	0.0714	0.0998	0.0630	0	0.0763	5	70-130	19	35	mg/kg	12.03.2020 17:20	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	89		91		70-130	%	12.03.2020 17:20
4-Bromofluorobenzene	234	**	131	**	70-130	%	12.03.2020 17:20

Analytical Method: BTEX by EPA 8021B

Seq Number: 3143914

Matrix: Soil

Prep Method: SW5035A

Date Prep: 12.03.2020

Parent Sample Id: 679278-001

MS Sample Id: 679278-001 S

MSD Sample Id: 679278-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00201	0.101	0.0825	82	<0.00200	0	70-130	200	35	mg/kg	12.04.2020 04:11	XF
Toluene	<0.00201	0.101	0.0788	78	<0.00200	0	70-130	200	35	mg/kg	12.04.2020 04:11	XF
Ethylbenzene	<0.00201	0.101	0.0876	87	<0.00200	0	70-130	200	35	mg/kg	12.04.2020 04:11	XF
m,p-Xylenes	<0.00402	0.201	0.170	85	<0.00401	0	70-130	200	35	mg/kg	12.04.2020 04:11	XF
o-Xylene	<0.00201	0.101	0.0861	85	<0.00200	0	70-130	200	35	mg/kg	12.04.2020 04:11	XF

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	100		0	**	70-130	%	12.04.2020 04:11
4-Bromofluorobenzene	105		0	**	70-130	%	12.04.2020 04:11

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

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

479348

Page 1 of 2

Client Name: EOG		Site Manager: Mike Carmona	
Project Name: Domino 3rd Party Dump			
Project Location: Eddy County, New Mexico		Project #: 212C-MD-02362	
Invoice to: Todd Wells		Sampler Signature: Conner Moehring	
Receiving Laboratory: Xenco		Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD					# CONTAINERS	FILTERED (Y/N)	
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None				
										YEAR: 2020			
	AH-1 (0-1')	11/30/2020		X				X				1	N
	AH-2 (0-1')	11/30/2020		X				X				1	N
	AH-2 (1'-1.5')	11/30/2020		X				X				1	N
	AH-3 (0-1')	11/30/2020		X				X				1	N
	AH-3 (1'-1.5')	11/30/2020		X				X				1	N
	AH-4 (0-1')	11/30/2020		X				X				1	N
	AH-4 (1'-1.5')	11/30/2020		X				X				1	N
	AH-5 (0-1')	11/30/2020		X				X				1	N
	AH-5 (1'-1.5')	11/30/2020		X				X				1	N
	AH-6 (0-1')	11/30/2020		X				X				1	N

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

ANALYSIS REQUEST (Circle or Specify Method No.)
BTEX 8021B 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

ORIGINAL COPY

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

25/3.6
Sample Temperature

Analysis Request of Chain of Custody Record

Page 2 of 2



Tetra Tech, Inc.

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

Client Name: EOG		Site Manager: Mike Carmona	
Project Name: Domino 3rd Party Dump			
Project Location: Eddy County, New Mexico		Project #: 212C-MD-02362	
Invoice to: Todd Wells			
Receiving Laboratory: Xenco		Sampler Signature: Conner Moehring	
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD					# CONTAINERS	FILTERED (Y/N)	
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None				
										YEAR: 2020			
	AH-6 (1'-1.5')	11/30/2020		X				X				1	N
	AH-6 (2'-2.5')	11/30/2020		X				X				1	N
	AH-7 (0-1')	11/30/2020		X				X				1	N
	AH-7 (1'-1.5')	11/30/2020		X				X				1	N
	AH-8 (0-1')	11/30/2020		X				X				1	N
	AH-8 (1'-1.5')	11/30/2020		X				X				1	N
	AH-9 (0-1')	11/30/2020		X				X				1	N
	AH-9 (1'-1.5')	11/30/2020		X				X				1	N

LAB USE ONLY	REMARKS:	ANALYSIS REQUEST (Circle or Specify Method No.)																										
		STANDARD	RUSH: Same Day	24 hr	48 hr	72 hr	Special Report Limits or TRRP Report	BTX	TPH	PAH	Total Metals	TCLP Metals	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol.	GC/MS Semi. Vol.	PCB's	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate	TDS	General Water Chemistry	Anion/Cation Balance	TPH 8015R	Hold	

ORIGINAL COPY

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Date/ Time Received: 12.01.2020 02.08.00 PM

Work Order #: 679348

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	3
#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?	Yes
#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
#18 Water VOC samples have zero headspace?	Yes

* 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: 12.01.2020

Checklist reviewed by:



Jessica Kramer

Date: 12.03.2020

Certificate of Analysis Summary 679349

Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02632
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Tue 12.01.2020 14:08**Report Date:** 12.04.2020 14:12**Project Manager:** Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	679349-001	679349-002	679349-003	679349-004	679349-005	679349-006
	<i>Field Id:</i>	H-1 (0-1')	H-2 (0-1')	H-3 (0-1')	H-4 (0-1')	H-5 (0-1')	H-6 (0-1')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	12.03.2020 15:00	12.03.2020 15:00	12.03.2020 15:00	12.03.2020 15:00	12.03.2020 15:00	12.03.2020 15:00
	<i>Analyzed:</i>	12.03.2020 18:38	12.03.2020 20:41	12.03.2020 21:01	12.03.2020 21:21	12.03.2020 23:25	12.03.2020 23:45
	<i>Units/RL:</i>	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	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00202 0.00202
Toluene		<0.00200 0.00200	<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00202 0.00202
Ethylbenzene		<0.00200 0.00200	<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00202 0.00202
m,p-Xylenes		<0.00399 0.00399	<0.00397 0.00397	<0.00396 0.00396	<0.00398 0.00398	<0.00398 0.00398	<0.00403 0.00403
o-Xylene		<0.00200 0.00200	<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00202 0.00202
Total Xylenes		<0.002000 0.002000	<0.001980 0.001980	<0.001980 0.001980	<0.001990 0.001990	<0.001990 0.001990	<0.002020 0.002020
Total BTEX		<0.002000 0.002000	<0.001980 0.001980	<0.001980 0.001980	<0.001990 0.001990	<0.001990 0.001990	<0.002020 0.002020
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	12.01.2020 16:50	12.01.2020 16:50	12.02.2020 16:50	12.02.2020 16:50	12.02.2020 16:50	12.02.2020 16:50
	<i>Analyzed:</i>	12.01.2020 20:40	12.01.2020 20:45	12.02.2020 17:40	12.02.2020 17:56	12.02.2020 18:01	12.02.2020 18:07
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		544 5.00	11.4 5.00	11.4 5.00	11.6 4.98	11.0 4.99	15.0 4.95
TPH By SW8015 Mod	<i>Extracted:</i>	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00
	<i>Analyzed:</i>	12.01.2020 19:38	12.01.2020 20:45	12.01.2020 21:07	12.01.2020 21:29	12.01.2020 21:52	12.01.2020 22:14
	<i>Units/RL:</i>	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)		58.4 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		58.40 50.00	<49.80 49.80	<50.00 50.00	<50.00 50.00	<49.90 49.90	<50.00 50.00

BRL - Below Reporting Limit

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



Certificate of Analysis Summary 679349

Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02632
 Contact: Mike Carmona
 Project Location: Eddy County, New Mexico

Date Received in Lab: Tue 12.01.2020 14:08

Report Date: 12.04.2020 14:12

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	679349-007	679349-008	679349-009	679349-010	679349-011	679349-012
	<i>Field Id:</i>	H-7 (0-1')	H-8 (0-1')	H-9 (0-1')	H-10 (0-1')	H-11 (0-1')	H-12 (0-1')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00	11.30.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	12.03.2020 15:00	12.03.2020 15:00	12.03.2020 15:00	12.03.2020 15:00	12.03.2020 15:00	12.03.2020 15:00
	<i>Analyzed:</i>	12.04.2020 00:06	12.04.2020 00:26	12.04.2020 00:47	12.04.2020 01:07	12.04.2020 01:27	12.04.2020 01:48
	<i>Units/RL:</i>	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	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200
Toluene		<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200
Ethylbenzene		0.00526 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200
m,p-Xylenes		0.00446 0.00404	<0.00398 0.00398	<0.00400 0.00400	<0.00398 0.00398	<0.00399 0.00399	<0.00399 0.00399
o-Xylene		0.00243 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200
Total Xylenes		0.006890 0.002020	<0.001990 0.001990	<0.002000 0.002000	<0.001990 0.001990	<0.002000 0.002000	<0.002000 0.002000
Total BTEX		0.01215 0.002020	<0.001990 0.001990	<0.002000 0.002000	<0.001990 0.001990	<0.002000 0.002000	<0.002000 0.002000
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	12.02.2020 16:50	12.02.2020 16:50	12.02.2020 16:50	12.02.2020 16:50	12.02.2020 16:50	12.02.2020 16:50
	<i>Analyzed:</i>	12.02.2020 18:12	12.02.2020 18:28	12.02.2020 18:33	12.02.2020 18:38	12.02.2020 18:44	12.02.2020 18:49
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		11.7 5.02	82.4 4.96	14.0 4.95	11.4 5.00	13.7 4.97	92.5 5.02
TPH By SW8015 Mod	<i>Extracted:</i>	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00	12.01.2020 17:00
	<i>Analyzed:</i>	12.01.2020 22:36	12.01.2020 22:58	12.01.2020 23:21	12.01.2020 23:43	12.02.2020 00:27	12.02.2020 00:49
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.9 49.9
Diesel Range Organics (DRO)		<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.9 49.9
Motor Oil Range Hydrocarbons (MRO)		<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.9 49.9
Total TPH		<49.90 49.90	<49.80 49.80	<50.00 50.00	<50.00 50.00	<49.90 49.90	<49.90 49.90

BRL - Below Reporting Limit

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



Certificate of Analysis Summary 679349

Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02632
 Contact: Mike Carmona
 Project Location: Eddy County, New Mexico

Date Received in Lab: Tue 12.01.2020 14:08
 Report Date: 12.04.2020 14:12
 Project Manager: Jessica Kramer

Analysis Requested	Lab Id: 679349-013 Field Id: H-13 (0-1') Depth: Matrix: SOIL Sampled: 11.30.2020 00:00					
BTEX by EPA 8021B	Extracted: 12.03.2020 15:00 Analyzed: 12.04.2020 02:08 Units/RL: mg/kg RL					
Benzene	<0.00202 0.00202					
Toluene	<0.00202 0.00202					
Ethylbenzene	<0.00202 0.00202					
m,p-Xylenes	<0.00403 0.00403					
o-Xylene	<0.00202 0.00202					
Total Xylenes	<0.002020 0.002020					
Total BTEX	<0.002020 0.002020					
Inorganic Anions by EPA 300/300.1	Extracted: 12.02.2020 16:50 Analyzed: 12.02.2020 18:54 Units/RL: mg/kg RL					
Chloride	14.1 4.95					
TPH By SW8015 Mod	Extracted: 12.01.2020 17:00 Analyzed: 12.02.2020 01:11 Units/RL: mg/kg RL					
Gasoline Range Hydrocarbons (GRO)	<50.0 50.0					
Diesel Range Organics (DRO)	<50.0 50.0					
Motor Oil Range Hydrocarbons (MRO)	<50.0 50.0					
Total TPH	<50.00 50.00					

BRL - Below Reporting Limit

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



Analytical Report 679349

for

Tetra Tech- Midland

Project Manager: Mike Carmona

Domino 3rd Party Dump

212C-MD-02632

12.04.2020

Collected By: Client



**1211 W. Florida Ave
Midland TX 79701**

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

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

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



12.04.2020

Project Manager: **Mike Carmona**

Tetra Tech- Midland

901 West Wall ST

Midland, TX 79701

Reference: Eurofins Xenco, LLC Report No(s): **679349**

Domino 3rd Party Dump

Project Address: Eddy County, New Mexico

Mike Carmona:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 679349. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 679349 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

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

Jessica Kramer

Project Manager

A Small Business and Minority Company

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

**Sample Cross Reference 679349****Tetra Tech- Midland, Midland, TX**

Domino 3rd Party Dump

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
H-1 (0-1')	S	11.30.2020 00:00		679349-001
H-2 (0-1')	S	11.30.2020 00:00		679349-002
H-3 (0-1')	S	11.30.2020 00:00		679349-003
H-4 (0-1')	S	11.30.2020 00:00		679349-004
H-5 (0-1')	S	11.30.2020 00:00		679349-005
H-6 (0-1')	S	11.30.2020 00:00		679349-006
H-7 (0-1')	S	11.30.2020 00:00		679349-007
H-8 (0-1')	S	11.30.2020 00:00		679349-008
H-9 (0-1')	S	11.30.2020 00:00		679349-009
H-10 (0-1')	S	11.30.2020 00:00		679349-010
H-11 (0-1')	S	11.30.2020 00:00		679349-011
H-12 (0-1')	S	11.30.2020 00:00		679349-012
H-13 (0-1')	S	11.30.2020 00:00		679349-013

**CASE NARRATIVE****Client Name: Tetra Tech- Midland****Project Name: Domino 3rd Party Dump**Project ID: 212C-MD-02632
Work Order Number(s): 679349Report Date: 12.04.2020
Date Received: 12.01.2020**Sample receipt non conformances and comments:****Sample receipt non conformances and comments per sample:**

None

Analytical non conformances and comments:

Batch: LBA-3143913 BTEX by EPA 8021B

Lab Sample ID 679349-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Toluene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Benzene, 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: 679349-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013.

The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, o-Xylene is within laboratory Control Limits, therefore the data was accepted.



Certificate of Analytical Results 679349

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-1 (0-1')**
Lab Sample Id: 679349-001

Matrix: Soil
Date Collected: 11.30.2020 00:00

Date Received: 12.01.2020 14:08

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 16:50

% Moisture:
Basis: Wet Weight

Seq Number: 3143689

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	544	5.00	mg/kg	12.01.2020 20:40		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3143721

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.01.2020 19:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	58.4	50.0	mg/kg	12.01.2020 19:38		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.01.2020 19:38	U	1
Total TPH	PHC635	58.40	50.00	mg/kg	12.01.2020 19:38		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	100	%	70-130	12.01.2020 19:38		
o-Terphenyl	84-15-1	102	%	70-130	12.01.2020 19:38		



Certificate of Analytical Results 679349

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-1 (0-1')**
 Lab Sample Id: 679349-001

Matrix: Soil
 Date Collected: 11.30.2020 00:00

Date Received: 12.01.2020 14:08

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 15:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3143913

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.03.2020 18:38	UX	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.03.2020 18:38	UX	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.03.2020 18:38	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.03.2020 18:38	UX	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.03.2020 18:38	UX	1
Total Xylenes	1330-20-7	<0.002000	0.002000	mg/kg	12.03.2020 18:38	U	1
Total BTEX		<0.002000	0.002000	mg/kg	12.03.2020 18:38	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	111	%	70-130	12.03.2020 18:38		
1,4-Difluorobenzene	540-36-3	99	%	70-130	12.03.2020 18:38		



Certificate of Analytical Results 679349

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-2 (0-1')**
Lab Sample Id: 679349-002

Matrix: Soil
Date Collected: 11.30.2020 00:00

Date Received: 12.01.2020 14:08

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.01.2020 16:50

% Moisture:
Basis: Wet Weight

Seq Number: 3143689

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.4	5.00	mg/kg	12.01.2020 20:45		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3143721

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.01.2020 20:45	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	12.01.2020 20:45	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.01.2020 20:45	U	1
Total TPH	PHC635	<49.80	49.80	mg/kg	12.01.2020 20:45	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	101	%	70-130	12.01.2020 20:45		
o-Terphenyl	84-15-1	106	%	70-130	12.01.2020 20:45		



Certificate of Analytical Results 679349

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-2 (0-1')**
 Lab Sample Id: 679349-002

Matrix: Soil
 Date Collected: 11.30.2020 00:00

Date Received: 12.01.2020 14:08

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 15:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3143913

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	12.03.2020 20:41	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	12.03.2020 20:41	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	12.03.2020 20:41	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	12.03.2020 20:41	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	12.03.2020 20:41	U	1
Total Xylenes	1330-20-7	<0.001980	0.001980	mg/kg	12.03.2020 20:41	U	1
Total BTEX		<0.001980	0.001980	mg/kg	12.03.2020 20:41	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	98	%	70-130	12.03.2020 20:41		
4-Bromofluorobenzene	460-00-4	105	%	70-130	12.03.2020 20:41		



Certificate of Analytical Results 679349

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-3 (0-1')**
Lab Sample Id: 679349-003

Matrix: Soil
Date Collected: 11.30.2020 00:00

Date Received: 12.01.2020 14:08

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.02.2020 16:50

% Moisture:
Basis: Wet Weight

Seq Number: 3143766

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.4	5.00	mg/kg	12.02.2020 17:40		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3143721

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.01.2020 21:07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.01.2020 21:07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.01.2020 21:07	U	1
Total TPH	PHC635	<50.00	50.00	mg/kg	12.01.2020 21:07	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	90	%	70-130	12.01.2020 21:07		
o-Terphenyl	84-15-1	93	%	70-130	12.01.2020 21:07		



Certificate of Analytical Results 679349

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-3 (0-1')**
 Lab Sample Id: 679349-003

Matrix: Soil
 Date Collected: 11.30.2020 00:00

Date Received: 12.01.2020 14:08

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 15:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3143913

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	12.03.2020 21:01	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	12.03.2020 21:01	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	12.03.2020 21:01	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	12.03.2020 21:01	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	12.03.2020 21:01	U	1
Total Xylenes	1330-20-7	<0.001980	0.001980	mg/kg	12.03.2020 21:01	U	1
Total BTEX		<0.001980	0.001980	mg/kg	12.03.2020 21:01	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	105	%	70-130	12.03.2020 21:01		
1,4-Difluorobenzene	540-36-3	99	%	70-130	12.03.2020 21:01		



Certificate of Analytical Results 679349

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-4 (0-1')**
Lab Sample Id: 679349-004

Matrix: Soil
Date Collected: 11.30.2020 00:00

Date Received: 12.01.2020 14:08

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.02.2020 16:50

% Moisture:
Basis: Wet Weight

Seq Number: 3143766

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.6	4.98	mg/kg	12.02.2020 17:56		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3143721

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.01.2020 21:29	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.01.2020 21:29	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.01.2020 21:29	U	1
Total TPH	PHC635	<50.00	50.00	mg/kg	12.01.2020 21:29	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	87	%	70-130	12.01.2020 21:29		
o-Terphenyl	84-15-1	89	%	70-130	12.01.2020 21:29		



Certificate of Analytical Results 679349

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-4 (0-1')**
 Lab Sample Id: 679349-004

Matrix: Soil
 Date Collected: 11.30.2020 00:00

Date Received: 12.01.2020 14:08

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 15:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3143913

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.03.2020 21:21	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.03.2020 21:21	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.03.2020 21:21	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.03.2020 21:21	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.03.2020 21:21	U	1
Total Xylenes	1330-20-7	<0.001990	0.001990	mg/kg	12.03.2020 21:21	U	1
Total BTEX		<0.001990	0.001990	mg/kg	12.03.2020 21:21	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	107	%	70-130	12.03.2020 21:21		
1,4-Difluorobenzene	540-36-3	99	%	70-130	12.03.2020 21:21		



Certificate of Analytical Results 679349

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-5 (0-1')**
Lab Sample Id: 679349-005

Matrix: Soil
Date Collected: 11.30.2020 00:00

Date Received: 12.01.2020 14:08

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.02.2020 16:50

% Moisture:
Basis: Wet Weight

Seq Number: 3143766

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.0	4.99	mg/kg	12.02.2020 18:01		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3143721

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.01.2020 21:52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.01.2020 21:52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.01.2020 21:52	U	1
Total TPH	PHC635	<49.90	49.90	mg/kg	12.01.2020 21:52	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	98	%	70-130	12.01.2020 21:52		
o-Terphenyl	84-15-1	98	%	70-130	12.01.2020 21:52		



Certificate of Analytical Results 679349

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-5 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679349-005

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 15:00

% Moisture:

Seq Number: 3143913

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.03.2020 23:25	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.03.2020 23:25	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.03.2020 23:25	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.03.2020 23:25	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.03.2020 23:25	U	1
Total Xylenes	1330-20-7	<0.001990	0.001990	mg/kg	12.03.2020 23:25	U	1
Total BTEX		<0.001990	0.001990	mg/kg	12.03.2020 23:25	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	105	%	70-130	12.03.2020 23:25		
1,4-Difluorobenzene	540-36-3	100	%	70-130	12.03.2020 23:25		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-6 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679349-006

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.02.2020 16:50

% Moisture:

Seq Number: 3143766

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	15.0	4.95	mg/kg	12.02.2020 18:07		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143721

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.01.2020 22:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.01.2020 22:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.01.2020 22:14	U	1
Total TPH	PHC635	<50.00	50.00	mg/kg	12.01.2020 22:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	12.01.2020 22:14	
o-Terphenyl	84-15-1	97	%	70-130	12.01.2020 22:14	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-6 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679349-006

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 15:00

% Moisture:

Seq Number: 3143913

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	12.03.2020 23:45	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	12.03.2020 23:45	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	12.03.2020 23:45	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	12.03.2020 23:45	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	12.03.2020 23:45	U	1
Total Xylenes	1330-20-7	<0.002020	0.002020	mg/kg	12.03.2020 23:45	U	1
Total BTEX		<0.002020	0.002020	mg/kg	12.03.2020 23:45	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	109	%	70-130	12.03.2020 23:45		
1,4-Difluorobenzene	540-36-3	99	%	70-130	12.03.2020 23:45		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-7 (0-1')**
Lab Sample Id: 679349-007

Matrix: Soil
Date Collected: 11.30.2020 00:00

Date Received: 12.01.2020 14:08

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.02.2020 16:50

% Moisture:
Basis: Wet Weight

Seq Number: 3143766

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.7	5.02	mg/kg	12.02.2020 18:12		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3143721

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.01.2020 22:36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.01.2020 22:36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.01.2020 22:36	U	1
Total TPH	PHC635	<49.90	49.90	mg/kg	12.01.2020 22:36	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	99	%	70-130	12.01.2020 22:36		
o-Terphenyl	84-15-1	97	%	70-130	12.01.2020 22:36		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-7 (0-1')**
 Lab Sample Id: 679349-007

Matrix: Soil
 Date Collected: 11.30.2020 00:00

Date Received: 12.01.2020 14:08

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 15:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3143913

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	12.04.2020 00:06	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	12.04.2020 00:06	U	1
Ethylbenzene	100-41-4	0.00526	0.00202	mg/kg	12.04.2020 00:06		1
m,p-Xylenes	179601-23-1	0.00446	0.00404	mg/kg	12.04.2020 00:06		1
o-Xylene	95-47-6	0.00243	0.00202	mg/kg	12.04.2020 00:06		1
Total Xylenes	1330-20-7	0.006890	0.002020	mg/kg	12.04.2020 00:06		1
Total BTEX		0.01215	0.002020	mg/kg	12.04.2020 00:06		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	108	%	70-130	12.04.2020 00:06		
1,4-Difluorobenzene	540-36-3	98	%	70-130	12.04.2020 00:06		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-8 (0-1')**
Lab Sample Id: 679349-008

Matrix: Soil
Date Collected: 11.30.2020 00:00

Date Received: 12.01.2020 14:08

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.02.2020 16:50

% Moisture:
Basis: Wet Weight

Seq Number: 3143766

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	82.4	4.96	mg/kg	12.02.2020 18:28		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3143721

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.01.2020 22:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	12.01.2020 22:58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.01.2020 22:58	U	1
Total TPH	PHC635	<49.80	49.80	mg/kg	12.01.2020 22:58	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	97	%	70-130	12.01.2020 22:58		
o-Terphenyl	84-15-1	98	%	70-130	12.01.2020 22:58		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-8 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679349-008

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 15:00

% Moisture:

Seq Number: 3143913

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.04.2020 00:26	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.04.2020 00:26	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.04.2020 00:26	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.04.2020 00:26	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.04.2020 00:26	U	1
Total Xylenes	1330-20-7	<0.001990	0.001990	mg/kg	12.04.2020 00:26	U	1
Total BTEX		<0.001990	0.001990	mg/kg	12.04.2020 00:26	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	100	%	70-130	12.04.2020 00:26		
4-Bromofluorobenzene	460-00-4	106	%	70-130	12.04.2020 00:26		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-9 (0-1')**
Lab Sample Id: 679349-009

Matrix: Soil
Date Collected: 11.30.2020 00:00

Date Received: 12.01.2020 14:08

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.02.2020 16:50

% Moisture:
Basis: Wet Weight

Seq Number: 3143766

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	14.0	4.95	mg/kg	12.02.2020 18:33		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3143721

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.01.2020 23:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.01.2020 23:21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.01.2020 23:21	U	1
Total TPH	PHC635	<50.00	50.00	mg/kg	12.01.2020 23:21	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	103	%	70-130	12.01.2020 23:21		
o-Terphenyl	84-15-1	100	%	70-130	12.01.2020 23:21		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-9 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679349-009

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 15:00

% Moisture:

Seq Number: 3143913

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.04.2020 00:47	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.04.2020 00:47	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.04.2020 00:47	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	12.04.2020 00:47	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.04.2020 00:47	U	1
Total Xylenes	1330-20-7	<0.002000	0.002000	mg/kg	12.04.2020 00:47	U	1
Total BTEX		<0.002000	0.002000	mg/kg	12.04.2020 00:47	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	106	%	70-130	12.04.2020 00:47		
1,4-Difluorobenzene	540-36-3	99	%	70-130	12.04.2020 00:47		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-10 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679349-010

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.02.2020 16:50

% Moisture:

Seq Number: 3143766

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.4	5.00	mg/kg	12.02.2020 18:38		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143721

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.01.2020 23:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.01.2020 23:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.01.2020 23:43	U	1
Total TPH	PHC635	<50.00	50.00	mg/kg	12.01.2020 23:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	12.01.2020 23:43	
o-Terphenyl	84-15-1	107	%	70-130	12.01.2020 23:43	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-10 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679349-010

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 15:00

% Moisture:

Seq Number: 3143913

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.04.2020 01:07	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.04.2020 01:07	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.04.2020 01:07	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.04.2020 01:07	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.04.2020 01:07	U	1
Total Xylenes	1330-20-7	<0.001990	0.001990	mg/kg	12.04.2020 01:07	U	1
Total BTEX		<0.001990	0.001990	mg/kg	12.04.2020 01:07	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	100	%	70-130	12.04.2020 01:07		
4-Bromofluorobenzene	460-00-4	109	%	70-130	12.04.2020 01:07		



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Domino 3rd Party Dump

Sample Id: **H-11 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679349-011

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.02.2020 16:50

% Moisture:

Seq Number: 3143766

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	13.7	4.97	mg/kg	12.02.2020 18:44		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143721

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.02.2020 00:27	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.02.2020 00:27	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.02.2020 00:27	U	1
Total TPH	PHC635	<49.90	49.90	mg/kg	12.02.2020 00:27	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	96	%	70-130	12.02.2020 00:27		
o-Terphenyl	84-15-1	96	%	70-130	12.02.2020 00:27		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-11 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679349-011

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 15:00

% Moisture:

Seq Number: 3143913

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.04.2020 01:27	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.04.2020 01:27	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.04.2020 01:27	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.04.2020 01:27	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.04.2020 01:27	U	1
Total Xylenes	1330-20-7	<0.002000	0.002000	mg/kg	12.04.2020 01:27	U	1
Total BTEX		<0.002000	0.002000	mg/kg	12.04.2020 01:27	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	111	%	70-130	12.04.2020 01:27		
1,4-Difluorobenzene	540-36-3	99	%	70-130	12.04.2020 01:27		



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Domino 3rd Party Dump

Sample Id: **H-12 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679349-012

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.02.2020 16:50

% Moisture:

Seq Number: 3143766

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	92.5	5.02	mg/kg	12.02.2020 18:49		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143721

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.02.2020 00:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.02.2020 00:49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.02.2020 00:49	U	1
Total TPH	PHC635	<49.90	49.90	mg/kg	12.02.2020 00:49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	12.02.2020 00:49	
o-Terphenyl	84-15-1	91	%	70-130	12.02.2020 00:49	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-12 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679349-012

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 15:00

% Moisture:

Seq Number: 3143913

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.04.2020 01:48	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.04.2020 01:48	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.04.2020 01:48	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.04.2020 01:48	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.04.2020 01:48	U	1
Total Xylenes	1330-20-7	<0.002000	0.002000	mg/kg	12.04.2020 01:48	U	1
Total BTEX		<0.002000	0.002000	mg/kg	12.04.2020 01:48	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	108	%	70-130	12.04.2020 01:48		
1,4-Difluorobenzene	540-36-3	98	%	70-130	12.04.2020 01:48		



Certificate of Analytical Results 679349

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-13 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679349-013

Date Collected: 11.30.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.02.2020 16:50

% Moisture:

Seq Number: 3143766

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	14.1	4.95	mg/kg	12.02.2020 18:54		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.01.2020 17:00

% Moisture:

Seq Number: 3143721

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.02.2020 01:11	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.02.2020 01:11	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.02.2020 01:11	U	1
Total TPH	PHC635	<50.00	50.00	mg/kg	12.02.2020 01:11	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	91	%	70-130	12.02.2020 01:11		
o-Terphenyl	84-15-1	93	%	70-130	12.02.2020 01:11		



Certificate of Analytical Results 679349

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **H-13 (0-1')**

Matrix: Soil

Date Received: 12.01.2020 14:08

Lab Sample Id: 679349-013

Date Collected: 11.30.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.03.2020 15:00

% Moisture:

Seq Number: 3143913

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	12.04.2020 02:08	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	12.04.2020 02:08	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	12.04.2020 02:08	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	12.04.2020 02:08	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	12.04.2020 02:08	U	1
Total Xylenes	1330-20-7	<0.002020	0.002020	mg/kg	12.04.2020 02:08	U	1
Total BTEX		<0.002020	0.002020	mg/kg	12.04.2020 02:08	U	1

Surrogate

1,4-Difluorobenzene
4-Bromofluorobenzene

Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
540-36-3	97	%	70-130	12.04.2020 02:08	
460-00-4	109	%	70-130	12.04.2020 02:08	

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

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

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

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

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

+ NELAC certification not offered for this compound.

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



Tetra Tech- Midland

Domino 3rd Party Dump

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3143689

Matrix: Solid

Prep Method: E300P

Date Prep: 12.01.2020

MB Sample Id: 7716191-1-BLK

LCS Sample Id: 7716191-1-BKS

LCSD Sample Id: 7716191-1-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	252	101	253	101	90-110	0	20	mg/kg	12.01.2020 18:12	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3143766

Matrix: Solid

Prep Method: E300P

Date Prep: 12.02.2020

MB Sample Id: 7716309-1-BLK

LCS Sample Id: 7716309-1-BKS

LCSD Sample Id: 7716309-1-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	252	101	252	101	90-110	0	20	mg/kg	12.02.2020 17:20	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3143689

Matrix: Soil

Prep Method: E300P

Date Prep: 12.01.2020

Parent Sample Id: 679286-001

MS Sample Id: 679286-001 S

MSD Sample Id: 679286-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	16.2	251	279	105	282	106	90-110	1	20	mg/kg	12.01.2020 18:28	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3143689

Matrix: Soil

Prep Method: E300P

Date Prep: 12.01.2020

Parent Sample Id: 679348-011

MS Sample Id: 679348-011 S

MSD Sample Id: 679348-011 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	438	248	676	96	677	96	90-110	0	20	mg/kg	12.01.2020 19:42	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3143766

Matrix: Soil

Prep Method: E300P

Date Prep: 12.02.2020

Parent Sample Id: 679349-003

MS Sample Id: 679349-003 S

MSD Sample Id: 679349-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	11.4	250	274	105	274	105	90-110	0	20	mg/kg	12.02.2020 17:46	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3143766

Matrix: Soil

Prep Method: E300P

Date Prep: 12.02.2020

Parent Sample Id: 679349-013

MS Sample Id: 679349-013 S

MSD Sample Id: 679349-013 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	14.1	248	270	103	270	103	90-110	0	20	mg/kg	12.02.2020 18:59	

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



Tetra Tech- Midland

Domino 3rd Party Dump

Analytical Method: TPH By SW8015 Mod

Seq Number: 3143721

MB Sample Id: 7716218-1-BLK

Matrix: Solid

LCS Sample Id: 7716218-1-BKS

Prep Method: SW8015P

Date Prep: 12.01.2020

LCSD Sample Id: 7716218-1-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	951	95	812	81	70-130	16	20	mg/kg	12.01.2020 18:55	
Diesel Range Organics (DRO)	<50.0	1000	870	87	872	87	70-130	0	20	mg/kg	12.01.2020 18:55	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	93		101		101		70-130	%	12.01.2020 18:55
o-Terphenyl	102		101		106		70-130	%	12.01.2020 18:55

Analytical Method: TPH By SW8015 Mod

Seq Number: 3143721

Matrix: Solid

Prep Method: SW8015P

Date Prep: 12.01.2020

MB Sample Id: 7716218-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	12.01.2020 18:33	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3143721

Matrix: Soil

Prep Method: SW8015P

Date Prep: 12.01.2020

Parent Sample Id: 679349-001

MS Sample Id: 679349-001 S

MSD Sample Id: 679349-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	849	85	824	83	70-130	3	20	mg/kg	12.01.2020 20:00	
Diesel Range Organics (DRO)	58.4	998	886	83	908	85	70-130	2	20	mg/kg	12.01.2020 20:00	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	93		94		70-130	%	12.01.2020 20:00
o-Terphenyl	91		96		70-130	%	12.01.2020 20:00

Analytical Method: BTEX by EPA 8021B

Seq Number: 3143913

Matrix: Solid

Prep Method: SW5035A

Date Prep: 12.03.2020

MB Sample Id: 7716407-1-BLK

LCS Sample Id: 7716407-1-BKS

LCSD Sample Id: 7716407-1-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	0.0777	78	0.0864	86	70-130	11	35	mg/kg	12.03.2020 22:44	
Toluene	<0.00200	0.100	0.0772	77	0.0865	87	70-130	11	35	mg/kg	12.03.2020 22:44	
Ethylbenzene	<0.00200	0.100	0.0859	86	0.0981	98	70-130	13	35	mg/kg	12.03.2020 22:44	
m,p-Xylenes	<0.00400	0.200	0.169	85	0.194	97	70-130	14	35	mg/kg	12.03.2020 22:44	
o-Xylene	<0.00200	0.100	0.0856	86	0.0954	95	70-130	11	35	mg/kg	12.03.2020 22:44	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	94		96		93		70-130	%	12.03.2020 22:44
4-Bromofluorobenzene	107		104		94		70-130	%	12.03.2020 22:44

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

Tetra Tech- Midland

Domino 3rd Party Dump

Analytical Method: BTEX by EPA 8021B

Seq Number: 3143913

Parent Sample Id: 679349-001

Matrix: Soil

MS Sample Id: 679349-001 S

Prep Method: SW5035A

Date Prep: 12.03.2020

MSD Sample Id: 679349-001 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	0.0699	70	0.0673	68	70-130	4	35	mg/kg	12.03.2020 16:58	X
Toluene	<0.00200	0.0998	0.0665	67	0.0642	65	70-130	4	35	mg/kg	12.03.2020 16:58	X
Ethylbenzene	<0.00200	0.0998	0.0725	73	0.0698	71	70-130	4	35	mg/kg	12.03.2020 16:58	
m,p-Xylenes	<0.00399	0.200	0.142	71	0.137	69	70-130	4	35	mg/kg	12.03.2020 16:58	X
o-Xylene	<0.00200	0.0998	0.0705	71	0.0682	69	70-130	3	35	mg/kg	12.03.2020 16:58	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	100		100		70-130	%	12.03.2020 16:58
4-Bromofluorobenzene	108		106		70-130	%	12.03.2020 16:58

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

Analysis Request of Custody Record



Tetra Tech, Inc.

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

679349

Client Name: EOG		Site Manager: Mike Carmona										
Project Name: Domino 3rd Party Dump		Project #: 212C-MD-02362										
Project Location: Eddy County, New Mexico		Project #:										
Invoice to: Todd Wells		Sampler Signature: Conner Moehring										
Receiving Laboratory: Xenco		Comments:										
LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION		SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS		FILTERED (Y/N)	
	H-1 (0-1')		11/30/2020		X		X		1		N	
	H-2 (0-1')		11/30/2020		X		X		1		N	
	H-3 (0-1')		11/30/2020		X		X		1		N	
	H-4 (0-1')		11/30/2020		X		X		1		N	
	H-5 (0-1')		11/30/2020		X		X		1		N	
	H-6 (0-1')		11/30/2020		X		X		1		N	
	H-7 (0-1')		11/30/2020		X		X		1		N	
	H-8 (0-1')		11/30/2020		X		X		1		N	
	H-9 (0-1')		11/30/2020		X		X		1		N	
	H-10 (0-1')		11/30/2020		X		X		1		N	
	Abandoned by: [Signature]		Date: 11/1/2021 Time: 1408		Received by: [Signature]		Date: 12/01/2021 Time: 1408					
Abandoned by:		Date:		Time:		Received by:		Date:		Time:		
Abandoned by:		Date:		Time:		Received by:		Date:		Time:		

LAB USE ONLY	REMARKS:		STANDARD	
	☒ RUSH: Same Day 24 hr 48 hr 72 hr			
	☐ Rush Charges Authorized			
	☐ Special Report Limits or TRRP Report			
	Sample Temperature		25/30	
	Hand Delivered		FEDEX UPS Tracking #:	
	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				

ORIGINAL COPY

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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

Client Name:

Site Manager:

Mike Carmona

Project Name:

Domino 3rd Party Dump

Project Location:

Eddy County, New Mexico

Project #:

212C-MD-02362

Invoice to:

Todd Wells

Receiving Laboratory:

Xenco

Sampler Signature:

Conner Moehring

Comments:

SAMPLE IDENTIFICATION

LAB #
(LAB USE ONLY)

SAMPLING

YEAR: 2020

DATE TIME

MATRIX

WATER SOIL

PRESERVATIVE METHOD

HCL HNO₃ ICE None

CONTAINERS

FILTERED (Y/N)

BTX 8021B BTX 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

ANALYSIS REQUEST
(Circle or Specify Method No.)

Relinquished by: Date: Time:

Received by:

Date: Time:

Relinquished by: Date: Time:

Received by:

Date: Time:

Relinquished by: Date: Time:

Received by:

Date: Time:

LAB USE ONLY

REMARKS:

STANDARD

RUSH: Same Day 24 hr 48 hr

Push Charges Authorized

Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

679349

Page 2 of 2

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Date/ Time Received: 12.01.2020 02.08.00 PM

Work Order #: 679349

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	3
#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?	Yes
#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
#18 Water VOC samples have zero headspace?	Yes

*** 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: 12.01.2020

Checklist reviewed by:



Jessica Kramer

Date: 12.03.2020

Certificate of Analysis Summary 681057



Tetra Tech- Midland, Midland, TX

Project Name: Domino AOJ Federal Battery

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.15.2020 09:38**Report Date:** 12.21.2020 08:33**Project Manager:** Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	681057-001	681057-002	681057-003	681057-004	681057-005	681057-006
	<i>Field Id:</i>	Trench-1 (0-1')	Trench-1 (1')	Trench-1 (2')	Trench-1 (3')	Trench-1 (4')	Trench-1 (5')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	12.15.2020 17:00	12.15.2020 17:00	12.15.2020 17:00	12.15.2020 17:00	12.15.2020 17:00	12.15.2020 17:00
	<i>Analyzed:</i>	12.16.2020 06:21	12.16.2020 06:41	12.16.2020 07:02	12.16.2020 07:23	12.16.2020 07:43	12.16.2020 08:04
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198
Toluene		<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198
Ethylbenzene		<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198
m,p-Xylenes		0.00536 0.00402	<0.00398 0.00398	<0.00400 0.00400	<0.00398 0.00398	<0.00397 0.00397	<0.00397 0.00397
o-Xylene		0.00397 0.00201	0.00275 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198
Total Xylenes		0.00933 0.00201	0.00275 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198
Total BTEX		0.00933 0.00201	0.00275 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	12.15.2020 12:40	12.15.2020 12:40	12.15.2020 12:40	12.15.2020 12:40	12.15.2020 12:40	12.15.2020 12:40
	<i>Analyzed:</i>	12.15.2020 13:17	12.15.2020 13:23	12.15.2020 13:28	12.15.2020 13:43	12.15.2020 13:49	12.15.2020 13:54
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		1730 24.8	91.1 4.95	207 5.02	41.6 5.00	39.2 5.04	54.2 4.98
TPH By SW8015 Mod	<i>Extracted:</i>	12.15.2020 11:00	12.15.2020 11:00	12.15.2020 11:00	12.15.2020 11:00	12.15.2020 11:00	12.15.2020 11:00
	<i>Analyzed:</i>	12.15.2020 12:11	12.15.2020 13:14	12.15.2020 13:39	12.15.2020 13:57	12.15.2020 14:16	12.15.2020 14:34
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		56.1 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)		2200 X 50.0	56.2 49.8	206 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8
Motor Oil Range Hydrocarbons (MRO)		336 50.0	<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8
Total TPH		2590 50.0	56.2 49.8	206 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8

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Certificate of Analysis Summary 681057



Tetra Tech- Midland, Midland, TX

Project Name: Domino AOJ Federal Battery

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.15.2020 09:38**Report Date:** 12.21.2020 08:33**Project Manager:** Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	681057-007	681057-008	681057-009	681057-010	681057-011	681057-012
	<i>Field Id:</i>	Trench-2 (0-1')	Trench-2 (1')	Trench-2 (2')	Trench-2 (3')	Trench-2 (4')	Trench-2 (5')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	12.15.2020 17:00	12.15.2020 17:00	12.15.2020 17:00	12.15.2020 17:00	12.15.2020 17:00	12.15.2020 17:00
	<i>Analyzed:</i>	12.16.2020 08:25	12.16.2020 12:55	12.16.2020 10:10	12.16.2020 10:30	12.16.2020 10:51	12.16.2020 11:12
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		0.00601 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00199 0.00199	<0.00198 0.00198
Toluene		0.322 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00199 0.00199	<0.00198 0.00198
Ethylbenzene		3.30 D 0.200	0.0126 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00199 0.00199	<0.00198 0.00198
m,p-Xylenes		11.4 D 0.400	0.0972 0.00398	<0.00401 0.00401	<0.00404 0.00404	<0.00398 0.00398	<0.00396 0.00396
o-Xylene		7.45 D 0.200	0.0609 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00199 0.00199	<0.00198 0.00198
Total Xylenes		18.9 0.200	0.158 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00199 0.00199	<0.00198 0.00198
Total BTEX		22.5 0.00202	0.171 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00199 0.00199	<0.00198 0.00198
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	12.15.2020 12:40	12.15.2020 12:40	12.15.2020 12:40	12.15.2020 12:40	12.15.2020 12:40	12.15.2020 12:40
	<i>Analyzed:</i>	12.15.2020 13:59	12.15.2020 14:04	12.15.2020 14:09	12.15.2020 14:25	12.15.2020 14:30	12.15.2020 14:46
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		660 4.99	1470 25.2	3250 25.0	975 4.96	69.3 4.98	197 5.00
TPH By SW8015 Mod	<i>Extracted:</i>	12.15.2020 11:00	12.15.2020 11:00	12.15.2020 11:00	12.15.2020 11:00	12.15.2020 11:00	12.15.2020 11:00
	<i>Analyzed:</i>	12.15.2020 14:53	12.15.2020 15:11	12.15.2020 15:30	12.15.2020 15:48	12.15.2020 16:25	12.15.2020 16:44
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		1010 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0
Diesel Range Organics (DRO)		6930 49.9	384 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		533 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0
Total TPH		8470 49.9	384 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0

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Certificate of Analysis Summary 681057



Tetra Tech- Midland, Midland, TX

Project Name: Domino AOJ Federal Battery

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.15.2020 09:38**Report Date:** 12.21.2020 08:33**Project Manager:** Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	681057-013	681057-014	681057-015	681057-016	681057-017	681057-018
	<i>Field Id:</i>	Trench-3 (0-1')	Trench-3 (1')	Trench-3 (2')	Trench-3(3')	Trench-4 (0-1')	Trench-4 (1')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	12.15.2020 17:00	12.15.2020 17:00	12.16.2020 09:00	12.16.2020 09:00	12.16.2020 09:00	12.16.2020 09:00
	<i>Analyzed:</i>	12.16.2020 11:32	12.16.2020 11:53	12.16.2020 15:48	12.16.2020 16:08	12.16.2020 16:29	12.16.2020 16:49
	<i>Units/RL:</i>	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	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Toluene		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Ethylbenzene		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
m,p-Xylenes		<0.00399 0.00399	<0.00399 0.00399	<0.00399 0.00399	<0.00401 0.00401	<0.00397 0.00397	<0.00398 0.00398
o-Xylene		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Total Xylenes		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Total BTEX		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	12.15.2020 12:40	12.15.2020 12:40	12.15.2020 12:40	12.15.2020 12:40	12.15.2020 12:40	12.15.2020 12:40
	<i>Analyzed:</i>	12.15.2020 14:51	12.15.2020 14:56	12.15.2020 15:01	12.15.2020 15:06	12.15.2020 15:12	12.15.2020 15:17
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		13.6 5.05	27.4 5.05	48.5 4.96	16.8 5.00	1580 25.0	2650 25.0
TPH By SW8015 Mod	<i>Extracted:</i>	12.15.2020 11:00	12.15.2020 11:00	12.15.2020 11:00	12.15.2020 11:00	12.15.2020 11:00	12.15.2020 11:00
	<i>Analyzed:</i>	12.15.2020 17:03	12.15.2020 17:21	12.15.2020 17:40	12.15.2020 17:58	12.15.2020 18:16	12.15.2020 18:34
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	<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	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0
Total TPH		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0

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Certificate of Analysis Summary 681057



Tetra Tech- Midland, Midland, TX

Project Name: Domino AOJ Federal Battery

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.15.2020 09:38**Report Date:** 12.21.2020 08:33**Project Manager:** Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i> <i>Field Id:</i> <i>Depth:</i> <i>Matrix:</i> <i>Sampled:</i>	681057-019 Trench-4 (2') SOIL 12.14.2020 00:00	681057-020 Trench-4 (3') SOIL 12.14.2020 00:00	681057-021 Trench-4 (4') SOIL 12.14.2020 00:00	681057-022 Trench-5 (0-1') SOIL 12.14.2020 00:00	681057-023 Trench-5 (1') SOIL 12.14.2020 00:00	681057-024 Trench-5 (2') SOIL 12.14.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	12.16.2020 09:00 12.16.2020 17:09 mg/kg RL	12.16.2020 09:00 12.16.2020 17:30 mg/kg RL	12.16.2020 09:00 12.16.2020 17:50 mg/kg RL	12.16.2020 09:00 12.16.2020 18:11 mg/kg RL	12.16.2020 09:00 12.16.2020 18:31 mg/kg RL	12.16.2020 09:00 12.16.2020 18:51 mg/kg RL
Benzene		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00202 0.00202
Toluene		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00202 0.00202
Ethylbenzene		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00202 0.00202
m,p-Xylenes		<0.00403 0.00403	<0.00399 0.00399	<0.00399 0.00399	<0.00402 0.00402	<0.00403 0.00403	<0.00404 0.00404
o-Xylene		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00202 0.00202
Total Xylenes		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00202 0.00202
Total BTEX		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00202 0.00202
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	12.15.2020 13:10 12.15.2020 15:48 mg/kg RL	12.15.2020 13:10 12.15.2020 16:04 mg/kg RL	12.15.2020 13:10 12.15.2020 16:09 mg/kg RL	12.15.2020 13:10 12.15.2020 16:14 mg/kg RL	12.15.2020 13:10 12.15.2020 16:19 mg/kg RL	12.15.2020 13:10 12.15.2020 16:35 mg/kg RL
Chloride		11.6 4.97	<4.99 4.99	168 4.96	33.3 5.03	109 4.97	78.4 4.98
TPH By SW8015 Mod	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	12.15.2020 11:00 12.15.2020 18:53 mg/kg RL	12.15.2020 11:00 12.15.2020 19:11 mg/kg RL	12.16.2020 10:00 12.16.2020 12:06 mg/kg RL	12.16.2020 10:00 12.16.2020 13:03 mg/kg RL	12.16.2020 10:00 12.16.2020 13:22 mg/kg RL	12.16.2020 10:00 12.16.2020 13:40 mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<49.9 49.9	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9
Diesel Range Organics (DRO)		<49.9 49.9	<49.9 49.9	<50.0 50.0	<50.0 50.0	51.8 50.0	<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	<50.0 50.0	<49.9 49.9
Total TPH		<49.9 49.9	<49.9 49.9	<50.0 50.0	<50.0 50.0	51.8 50.0	<49.9 49.9

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Certificate of Analysis Summary 681057



Tetra Tech- Midland, Midland, TX

Project Name: Domino AOJ Federal Battery

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.15.2020 09:38**Report Date:** 12.21.2020 08:33**Project Manager:** Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	681057-025	681057-026	681057-027	681057-028	681057-029	681057-030
	<i>Field Id:</i>	Trench-5 (3')	Trench-5 (4')	Trench-6 (0-1')	Trench-6 (1')	Trench-6 (2')	Trench-6 (3')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	12.17.2020 10:00	12.17.2020 10:00	12.17.2020 10:00	12.17.2020 10:00	12.17.2020 10:00	12.17.2020 10:00
	<i>Analyzed:</i>	12.17.2020 19:27	12.17.2020 19:47	12.17.2020 20:07	12.17.2020 20:28	12.17.2020 20:48	12.17.2020 21:09
	<i>Units/RL:</i>	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	<0.00200 0.00200	<0.00202 0.00202	<0.00199 0.00199	<0.00202 0.00202
Toluene		<0.00199 0.00199	<0.00201 0.00201	0.135 0.00200	<0.00202 0.00202	<0.00199 0.00199	<0.00202 0.00202
Ethylbenzene		<0.00199 0.00199	<0.00201 0.00201	0.187 0.00200	<0.00202 0.00202	<0.00199 0.00199	<0.00202 0.00202
m,p-Xylenes		<0.00398 0.00398	<0.00402 0.00402	0.150 0.00401	<0.00403 0.00403	<0.00398 0.00398	<0.00404 0.00404
o-Xylene		<0.00199 0.00199	<0.00201 0.00201	0.396 0.00200	<0.00202 0.00202	<0.00199 0.00199	<0.00202 0.00202
Total Xylenes		<0.00199 0.00199	<0.00201 0.00201	0.546 0.00200	<0.00202 0.00202	<0.00199 0.00199	<0.00202 0.00202
Total BTEX		<0.00199 0.00199	<0.00201 0.00201	0.868 0.00200	<0.00202 0.00202	<0.00199 0.00199	<0.00202 0.00202
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	12.15.2020 13:10	12.15.2020 13:10	12.15.2020 13:10	12.15.2020 13:10	12.15.2020 13:10	12.15.2020 13:10
	<i>Analyzed:</i>	12.15.2020 16:40	12.15.2020 16:45	12.15.2020 16:50	12.15.2020 16:56	12.15.2020 17:01	12.15.2020 17:16
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		18.2 5.02	100 4.96	452 4.99	23.8 5.00	<5.04 5.04	34.3 4.95
TPH By SW8015 Mod	<i>Extracted:</i>	12.16.2020 10:00	12.16.2020 10:00	12.16.2020 10:00	12.16.2020 10:00	12.16.2020 10:00	12.16.2020 10:00
	<i>Analyzed:</i>	12.16.2020 13:59	12.16.2020 14:18	12.16.2020 14:36	12.16.2020 14:55	12.16.2020 15:14	12.16.2020 15:32
	<i>Units/RL:</i>	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	220 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8
Diesel Range Organics (DRO)		<50.0 50.0	<49.9 49.9	4140 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<49.9 49.9	438 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8
Total TPH		<50.0 50.0	<49.9 49.9	4800 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8

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Certificate of Analysis Summary 681057



Tetra Tech- Midland, Midland, TX

Project Name: Domino AOJ Federal Battery

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.15.2020 09:38**Report Date:** 12.21.2020 08:33**Project Manager:** Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	681057-031	681057-032	681057-033	681057-034	681057-035	681057-036
	<i>Field Id:</i>	Trench-6(4')	Trench-7 (0-1')	Trench-7 (1')	Trench-7 (2')	Trench-7 (3')	Trench-7 (4')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	12.17.2020 10:00	12.17.2020 10:00	12.17.2020 10:00	12.18.2020 13:00	12.18.2020 13:00	12.18.2020 13:00
	<i>Analyzed:</i>	12.17.2020 21:29	12.17.2020 21:49	12.17.2020 22:10	12.18.2020 17:30	12.18.2020 17:50	12.18.2020 18:10
	<i>Units/RL:</i>	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	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200
Toluene		<0.00199 0.00199	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200
Ethylbenzene		<0.00199 0.00199	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200
m,p-Xylenes		<0.00398 0.00398	0.00463 0.00396	<0.00398 0.00398	<0.00398 0.00398	<0.00398 0.00398	<0.00400 0.00400
o-Xylene		<0.00199 0.00199	0.00219 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200
Total Xylenes		<0.00199 0.00199	0.00682 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200
Total BTEX		<0.00199 0.00199	0.00682 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	12.15.2020 13:10	12.15.2020 13:10	12.15.2020 13:10	12.15.2020 13:10	12.15.2020 13:10	12.15.2020 13:10
	<i>Analyzed:</i>	12.15.2020 17:21	12.15.2020 17:37	12.15.2020 17:42	12.15.2020 17:47	12.15.2020 17:53	12.15.2020 17:58
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		24.4 4.98	575 4.99	32.6 5.04	<5.00 5.00	<5.00 5.00	11.1 5.00
TPH By SW8015 Mod	<i>Extracted:</i>	12.16.2020 10:00	12.16.2020 10:00	12.16.2020 10:00	12.16.2020 10:00	12.16.2020 10:00	12.16.2020 10:00
	<i>Analyzed:</i>	12.16.2020 16:10	12.16.2020 16:29	12.16.2020 16:48	12.16.2020 17:07	12.16.2020 17:26	12.16.2020 17:44
	<i>Units/RL:</i>	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	<250 250	<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0
Diesel Range Organics (DRO)		<50.0 50.0	14500 250	110 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	2300 250	<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0
Total TPH		<50.0 50.0	16800 250	110 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0

BRL - Below Reporting Limit

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

Certificate of Analysis Summary 681057



Tetra Tech- Midland, Midland, TX

Project Name: Domino AOJ Federal Battery

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.15.2020 09:38**Report Date:** 12.21.2020 08:33**Project Manager:** Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	681057-037	681057-038	681057-039	681057-040	681057-041	681057-042
	<i>Field Id:</i>	Trench-8 (0-1')	Trench-8 (1')	Trench-8 (2')	Trench-8 (3')	Trench-8 (4')	Trench-9 (0-1')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	12.18.2020 13:00	12.18.2020 13:00	12.18.2020 13:00	12.18.2020 13:00	12.18.2020 13:00	12.18.2020 13:00
	<i>Analyzed:</i>	12.18.2020 18:31	12.18.2020 18:51	12.18.2020 19:12	12.18.2020 19:32	12.18.2020 19:53	12.18.2020 20:13
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00201 0.00201	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199
Toluene		<0.00201 0.00201	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199
Ethylbenzene		0.0728 0.00201	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	0.117 0.00199
m,p-Xylenes		0.252 0.00402	<0.00399 0.00399	<0.00403 0.00403	<0.00401 0.00401	<0.00401 0.00401	0.400 0.00398
o-Xylene		0.164 0.00201	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	0.266 0.00199
Total Xylenes		0.416 0.00201	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	0.666 0.00199
Total BTEX		0.489 0.00201	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	0.783 0.00199
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	12.15.2020 13:10	12.15.2020 13:10	12.15.2020 13:36	12.15.2020 13:36	12.15.2020 13:36	12.15.2020 13:36
	<i>Analyzed:</i>	12.15.2020 18:03	12.15.2020 18:08	12.15.2020 20:03	12.15.2020 20:19	12.15.2020 20:24	12.15.2020 20:29
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		4080 25.3	537 4.99	11.3 5.00	26.0 4.99	15.5 5.04	3950 24.8
TPH By SW8015 Mod	<i>Extracted:</i>	12.16.2020 10:00	12.16.2020 10:00	12.16.2020 10:00	12.16.2020 10:00	12.16.2020 15:00	12.16.2020 15:00
	<i>Analyzed:</i>	12.16.2020 18:03	12.16.2020 18:21	12.16.2020 18:39	12.16.2020 18:58	12.17.2020 02:21	12.17.2020 02:40
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		869 249	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	851 249
Diesel Range Organics (DRO)		17500 249	<50.0 50.0	<49.9 49.9	<50.0 50.0	256 50.0	27700 249
Motor Oil Range Hydrocarbons (MRO)		2310 249	<50.0 50.0	<49.9 49.9	<50.0 50.0	65.8 50.0	2990 249
Total TPH		20700 249	<50.0 50.0	<49.9 49.9	<50.0 50.0	322 50.0	31500 249

BRL - Below Reporting Limit

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

Certificate of Analysis Summary 681057



Tetra Tech- Midland, Midland, TX

Project Name: Domino AOJ Federal Battery

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, NM

Date Received in Lab: Tue 12.15.2020 09:38
Report Date: 12.21.2020 08:33
Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	681057-043	681057-044	681057-045	681057-046		
	<i>Field Id:</i>	Trench-9 (1')	Trench-9 (2')	Trench-9 (3')	Trench-9 (4')		
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL		
	<i>Sampled:</i>	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00	12.14.2020 00:00		
BTEX by EPA 8021B	<i>Extracted:</i>	12.18.2020 13:00	12.18.2020 13:00	12.18.2020 13:00	12.18.2020 13:00		
	<i>Analyzed:</i>	12.18.2020 21:36	12.18.2020 17:09	12.18.2020 21:56	12.18.2020 22:17		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Benzene		<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200		
Toluene		<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200		
Ethylbenzene		<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200		
m,p-Xylenes		<0.00402 0.00402	<0.00398 0.00398	<0.00398 0.00398	<0.00400 0.00400		
o-Xylene		<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200		
Total Xylenes		<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200		
Total BTEX		<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200		
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	12.15.2020 13:36	12.15.2020 13:36	12.15.2020 13:36	12.15.2020 13:36		
	<i>Analyzed:</i>	12.15.2020 20:35	12.15.2020 20:50	12.15.2020 20:55	12.15.2020 21:01		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Chloride		918 4.97	12.6 5.05	25.6 5.05	13.8 4.98		
TPH By SW8015 Mod	<i>Extracted:</i>	12.16.2020 15:00	12.16.2020 15:00	12.15.2020 16:00	12.15.2020 16:00		
	<i>Analyzed:</i>	12.17.2020 02:58	12.17.2020 03:17	12.16.2020 06:05	12.16.2020 06:27		
	<i>Units/RL:</i>	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		
Diesel Range Organics (DRO)		67.5 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	<50.0 50.0		
Total TPH		67.5 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0		

BRL - Below Reporting Limit

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

Analytical Report 681057

for

Tetra Tech- Midland

Project Manager: Mike Carmona

Domino AOJ Federal Battery

212C-MD-02362

12.21.2020

Collected By: Client



**1211 W. Florida Ave
Midland TX 79701**

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

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

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



12.21.2020

Project Manager: **Mike Carmona**

Tetra Tech- Midland

901 West Wall ST

Midland, TX 79701

Reference: Eurofins Xenco, LLC Report No(s): **681057**

Domino AOJ Federal Battery

Project Address: Eddy County, NM

Mike Carmona:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 681057. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 681057 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

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

Jessica Kramer

Project Manager

A Small Business and Minority Company

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



Sample Cross Reference 681057

Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Trench-1 (0-1')	S	12.14.2020 00:00		681057-001
Trench-1 (1')	S	12.14.2020 00:00		681057-002
Trench-1 (2')	S	12.14.2020 00:00		681057-003
Trench-1 (3')	S	12.14.2020 00:00		681057-004
Trench-1 (4')	S	12.14.2020 00:00		681057-005
Trench-1 (5')	S	12.14.2020 00:00		681057-006
Trench-2 (0-1')	S	12.14.2020 00:00		681057-007
Trench-2 (1')	S	12.14.2020 00:00		681057-008
Trench-2 (2')	S	12.14.2020 00:00		681057-009
Trench-2 (3')	S	12.14.2020 00:00		681057-010
Trench-2 (4')	S	12.14.2020 00:00		681057-011
Trench-2 (5')	S	12.14.2020 00:00		681057-012
Trench-3 (0-1')	S	12.14.2020 00:00		681057-013
Trench-3 (1')	S	12.14.2020 00:00		681057-014
Trench-3 (2')	S	12.14.2020 00:00		681057-015
Trench-3 (3')	S	12.14.2020 00:00		681057-016
Trench-4 (0-1')	S	12.14.2020 00:00		681057-017
Trench-4 (1')	S	12.14.2020 00:00		681057-018
Trench-4 (2')	S	12.14.2020 00:00		681057-019
Trench-4 (3')	S	12.14.2020 00:00		681057-020
Trench-4 (4')	S	12.14.2020 00:00		681057-021
Trench-5 (0-1')	S	12.14.2020 00:00		681057-022
Trench-5 (1')	S	12.14.2020 00:00		681057-023
Trench-5 (2')	S	12.14.2020 00:00		681057-024
Trench-5 (3')	S	12.14.2020 00:00		681057-025
Trench-5 (4')	S	12.14.2020 00:00		681057-026
Trench-6 (0-1')	S	12.14.2020 00:00		681057-027
Trench-6 (1')	S	12.14.2020 00:00		681057-028
Trench-6 (2')	S	12.14.2020 00:00		681057-029
Trench-6 (3')	S	12.14.2020 00:00		681057-030
Trench-6 (4')	S	12.14.2020 00:00		681057-031
Trench-7 (0-1')	S	12.14.2020 00:00		681057-032
Trench-7 (1')	S	12.14.2020 00:00		681057-033
Trench-7 (2')	S	12.14.2020 00:00		681057-034
Trench-7 (3')	S	12.14.2020 00:00		681057-035
Trench-7 (4')	S	12.14.2020 00:00		681057-036
Trench-8 (0-1')	S	12.14.2020 00:00		681057-037
Trench-8 (1')	S	12.14.2020 00:00		681057-038
Trench-8 (2')	S	12.14.2020 00:00		681057-039
Trench-8 (3')	S	12.14.2020 00:00		681057-040
Trench-8 (4')	S	12.14.2020 00:00		681057-041
Trench-9 (0-1')	S	12.14.2020 00:00		681057-042
Trench-9 (1')	S	12.14.2020 00:00		681057-043



Sample Cross Reference 681057

Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Trench-9 (2')	S	12.14.2020 00:00	681057-044
Trench-9 (3')	S	12.14.2020 00:00	681057-045
Trench-9 (4')	S	12.14.2020 00:00	681057-046

**CASE NARRATIVE****Client Name: Tetra Tech- Midland****Project Name: Domino AOJ Federal Battery**Project ID: 212C-MD-02362
Work Order Number(s): 681057Report Date: 12.21.2020
Date Received: 12.15.2020**Sample receipt non conformances and comments:****Sample receipt non conformances and comments per sample:**

None

Analytical non conformances and comments:

Batch: LBA-3145065 BTEX by EPA 8021B

Surrogate 1,4-Difluorobenzene, Surrogate 4-Bromofluorobenzene recovered below QC limits. Matrix interferences is suspected.

Samples affected are: 681057-008.

Batch: LBA-3145074 TPH By SW8015 Mod

Lab Sample ID 681057-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Diesel Range Organics (DRO) 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: 681057-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019, -020.

The Laboratory Control Sample for Diesel Range Organics (DRO) is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3145283 BTEX by EPA 8021B

Lab Sample ID 681057-025 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Benzene, Ethylbenzene, m,p-Xylenes recovered below QC limits in the Matrix Spike. Toluene 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: 681057-025, -026, -027, -028, -029, -030, -031, -032, -033.

The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene is within laboratory Control Limits, therefore the data was accepted.

Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected.

Samples affected are: 681057-027, 681057-033, 681057-032.

**CASE NARRATIVE****Client Name: Tetra Tech- Midland****Project Name: Domino AOJ Federal Battery**Project ID: 212C-MD-02362
Work Order Number(s): 681057Report Date: 12.21.2020
Date Received: 12.15.2020

Batch: LBA-3145446 BTEX by EPA 8021B

Lab Sample ID 681057-044 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: 681057-034, -035, -036, -037, -038, -039, -040, -041, -042, -043, -044, -045, -046.

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: 681057-034, -035, -036, -037, -038, -039, -040, -041, -042, -043, -044, -045, -046

Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected.

Samples affected are: 681057-042, 681057-037.



Certificate of Analytical Results 681057

Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-1 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-001

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1730	24.8	mg/kg	12.15.2020 13:17		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	56.1	50.0	mg/kg	12.15.2020 12:11		1
Diesel Range Organics (DRO)	C10C28DRO	2200	50.0	mg/kg	12.15.2020 12:11	X	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	336	50.0	mg/kg	12.15.2020 12:11		1
Total TPH	PHC635	2590	50.0	mg/kg	12.15.2020 12:11		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	118	%	70-130	12.15.2020 12:11		
o-Terphenyl	84-15-1	125	%	70-130	12.15.2020 12:11		



Certificate of Analytical Results 681057

Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-1 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-001

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.15.2020 17:00

% Moisture:

Seq Number: 3145065

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	12.16.2020 06:21	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	12.16.2020 06:21	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	12.16.2020 06:21	U	1
m,p-Xylenes	179601-23-1	0.00536	0.00402	mg/kg	12.16.2020 06:21		1
o-Xylene	95-47-6	0.00397	0.00201	mg/kg	12.16.2020 06:21		1
Total Xylenes	1330-20-7	0.00933	0.00201	mg/kg	12.16.2020 06:21		1
Total BTEX		0.00933	0.00201	mg/kg	12.16.2020 06:21		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	73	%	70-130	12.16.2020 06:21		
4-Bromofluorobenzene	460-00-4	101	%	70-130	12.16.2020 06:21		



Certificate of Analytical Results 681057

Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-1 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-002

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	91.1	4.95	mg/kg	12.15.2020 13:23		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.15.2020 13:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	56.2	49.8	mg/kg	12.15.2020 13:14		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.15.2020 13:14	U	1
Total TPH	PHC635	56.2	49.8	mg/kg	12.15.2020 13:14		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	12.15.2020 13:14	
o-Terphenyl	84-15-1	111	%	70-130	12.15.2020 13:14	



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-1 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-002

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.15.2020 17:00

% Moisture:

Seq Number: 3145065

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.16.2020 06:41	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.16.2020 06:41	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.16.2020 06:41	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.16.2020 06:41	U	1
o-Xylene	95-47-6	0.00275	0.00199	mg/kg	12.16.2020 06:41		1
Total Xylenes	1330-20-7	0.00275	0.00199	mg/kg	12.16.2020 06:41		1
Total BTEX		0.00275	0.00199	mg/kg	12.16.2020 06:41		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	103	%	70-130	12.16.2020 06:41		
1,4-Difluorobenzene	540-36-3	82	%	70-130	12.16.2020 06:41		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-1 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-003

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	207	5.02	mg/kg	12.15.2020 13:28		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.15.2020 13:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	206	50.0	mg/kg	12.15.2020 13:39		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.15.2020 13:39	U	1
Total TPH	PHC635	206	50.0	mg/kg	12.15.2020 13:39		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	102	%	70-130	12.15.2020 13:39		
o-Terphenyl	84-15-1	117	%	70-130	12.15.2020 13:39		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-1 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-003

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.15.2020 17:00

% Moisture:

Seq Number: 3145065

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.16.2020 07:02	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.16.2020 07:02	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.16.2020 07:02	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	12.16.2020 07:02	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.16.2020 07:02	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.16.2020 07:02	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.16.2020 07:02	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	104	%	70-130	12.16.2020 07:02		
1,4-Difluorobenzene	540-36-3	83	%	70-130	12.16.2020 07:02		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-1 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-004

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	41.6	5.00	mg/kg	12.15.2020 13:43		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.15.2020 13:57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.15.2020 13:57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.15.2020 13:57	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.15.2020 13:57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	12.15.2020 13:57	
o-Terphenyl	84-15-1	104	%	70-130	12.15.2020 13:57	



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-1 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-004

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.15.2020 17:00

% Moisture:

Seq Number: 3145065

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.16.2020 07:23	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.16.2020 07:23	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.16.2020 07:23	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.16.2020 07:23	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.16.2020 07:23	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	12.16.2020 07:23	U	1
Total BTEX		<0.00199	0.00199	mg/kg	12.16.2020 07:23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	84	%	70-130	12.16.2020 07:23	
4-Bromofluorobenzene	460-00-4	95	%	70-130	12.16.2020 07:23	



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-1 (4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-005

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	39.2	5.04	mg/kg	12.15.2020 13:49		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.15.2020 14:16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.15.2020 14:16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.15.2020 14:16	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.15.2020 14:16	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	94	%	70-130	12.15.2020 14:16		
o-Terphenyl	84-15-1	104	%	70-130	12.15.2020 14:16		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-1 (4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-005

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.15.2020 17:00

% Moisture:

Seq Number: 3145065

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	12.16.2020 07:43	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	12.16.2020 07:43	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	12.16.2020 07:43	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	12.16.2020 07:43	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	12.16.2020 07:43	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	12.16.2020 07:43	U	1
Total BTEX		<0.00198	0.00198	mg/kg	12.16.2020 07:43	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	90	%	70-130	12.16.2020 07:43		
1,4-Difluorobenzene	540-36-3	86	%	70-130	12.16.2020 07:43		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-1 (5")**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-006

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	54.2	4.98	mg/kg	12.15.2020 13:54		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.15.2020 14:34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	12.15.2020 14:34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.15.2020 14:34	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	12.15.2020 14:34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	12.15.2020 14:34	
o-Terphenyl	84-15-1	103	%	70-130	12.15.2020 14:34	



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-1 (5")**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-006

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.15.2020 17:00

% Moisture:

Seq Number: 3145065

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	12.16.2020 08:04	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	12.16.2020 08:04	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	12.16.2020 08:04	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	12.16.2020 08:04	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	12.16.2020 08:04	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	12.16.2020 08:04	U	1
Total BTEX		<0.00198	0.00198	mg/kg	12.16.2020 08:04	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	85	%	70-130	12.16.2020 08:04		
4-Bromofluorobenzene	460-00-4	96	%	70-130	12.16.2020 08:04		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-2 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-007

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	660	4.99	mg/kg	12.15.2020 13:59		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	1010	49.9	mg/kg	12.15.2020 14:53		1
Diesel Range Organics (DRO)	C10C28DRO	6930	49.9	mg/kg	12.15.2020 14:53		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	533	49.9	mg/kg	12.15.2020 14:53		1
Total TPH	PHC635	8470	49.9	mg/kg	12.15.2020 14:53		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	95	%	70-130	12.15.2020 14:53		
o-Terphenyl	84-15-1	112	%	70-130	12.15.2020 14:53		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-2 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-007

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.15.2020 17:00

% Moisture:

Seq Number: 3145065

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.00601	0.00202	mg/kg	12.16.2020 08:25		1
Toluene	108-88-3	0.322	0.00202	mg/kg	12.16.2020 08:25		1
Ethylbenzene	100-41-4	3.30	0.200	mg/kg	12.16.2020 13:16	D	100
m,p-Xylenes	179601-23-1	11.4	0.400	mg/kg	12.16.2020 13:16	D	100
o-Xylene	95-47-6	7.45	0.200	mg/kg	12.16.2020 13:16	D	100
Total Xylenes	1330-20-7	18.9	0.200	mg/kg	12.16.2020 13:16		100
Total BTEX		22.5	0.00202	mg/kg	12.16.2020 13:16		100
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	603	%	70-130	12.16.2020 08:25	**	
1,4-Difluorobenzene	540-36-3	78	%	70-130	12.16.2020 08:25		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-2 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-008

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1470	25.2	mg/kg	12.15.2020 14:04		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.15.2020 15:11	U	1
Diesel Range Organics (DRO)	C10C28DRO	384	50.0	mg/kg	12.15.2020 15:11		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.15.2020 15:11	U	1
Total TPH	PHC635	384	50.0	mg/kg	12.15.2020 15:11		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	103	%	70-130	12.15.2020 15:11		
o-Terphenyl	84-15-1	116	%	70-130	12.15.2020 15:11		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-2 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-008

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.15.2020 17:00

% Moisture:

Seq Number: 3145065

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.16.2020 12:55	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.16.2020 12:55	U	1
Ethylbenzene	100-41-4	0.0126	0.00199	mg/kg	12.16.2020 12:55		1
m,p-Xylenes	179601-23-1	0.0972	0.00398	mg/kg	12.16.2020 12:55		1
o-Xylene	95-47-6	0.0609	0.00199	mg/kg	12.16.2020 12:55		1
Total Xylenes	1330-20-7	0.158	0.00199	mg/kg	12.16.2020 12:55		1
Total BTEX		0.171	0.00199	mg/kg	12.16.2020 12:55		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	134	%	70-130	12.16.2020 12:55	**	
1,4-Difluorobenzene	540-36-3	84	%	70-130	12.16.2020 12:55		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-2 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-009

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	3250	25.0	mg/kg	12.15.2020 14:09		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.15.2020 15:30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.15.2020 15:30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.15.2020 15:30	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.15.2020 15:30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	12.15.2020 15:30	
o-Terphenyl	84-15-1	105	%	70-130	12.15.2020 15:30	



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-2 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-009

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.15.2020 17:00

% Moisture:

Seq Number: 3145065

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.16.2020 10:10	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.16.2020 10:10	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.16.2020 10:10	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	12.16.2020 10:10	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.16.2020 10:10	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.16.2020 10:10	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.16.2020 10:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	84	%	70-130	12.16.2020 10:10	
4-Bromofluorobenzene	460-00-4	91	%	70-130	12.16.2020 10:10	



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-2 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-010

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	975	4.96	mg/kg	12.15.2020 14:25		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.15.2020 15:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.15.2020 15:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.15.2020 15:48	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.15.2020 15:48	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	96	%	70-130	12.15.2020 15:48		
o-Terphenyl	84-15-1	106	%	70-130	12.15.2020 15:48		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-2 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-010

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.15.2020 17:00

% Moisture:

Seq Number: 3145065

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	12.16.2020 10:30	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	12.16.2020 10:30	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	12.16.2020 10:30	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	12.16.2020 10:30	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	12.16.2020 10:30	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	12.16.2020 10:30	U	1
Total BTEX		<0.00202	0.00202	mg/kg	12.16.2020 10:30	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	83	%	70-130	12.16.2020 10:30		
4-Bromofluorobenzene	460-00-4	94	%	70-130	12.16.2020 10:30		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-2 (4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-011

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	69.3	4.98	mg/kg	12.15.2020 14:30		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.15.2020 16:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	12.15.2020 16:25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.15.2020 16:25	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	12.15.2020 16:25	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	93	%	70-130	12.15.2020 16:25		
o-Terphenyl	84-15-1	103	%	70-130	12.15.2020 16:25		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-2 (4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-011

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.15.2020 17:00

% Moisture:

Seq Number: 3145065

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.16.2020 10:51	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.16.2020 10:51	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.16.2020 10:51	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.16.2020 10:51	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.16.2020 10:51	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	12.16.2020 10:51	U	1
Total BTEX		<0.00199	0.00199	mg/kg	12.16.2020 10:51	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	93	%	70-130	12.16.2020 10:51		
1,4-Difluorobenzene	540-36-3	82	%	70-130	12.16.2020 10:51		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-2 (5')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-012

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	197	5.00	mg/kg	12.15.2020 14:46		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.15.2020 16:44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.15.2020 16:44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.15.2020 16:44	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.15.2020 16:44	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	91	%	70-130	12.15.2020 16:44		
o-Terphenyl	84-15-1	99	%	70-130	12.15.2020 16:44		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-2 (5')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-012

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.15.2020 17:00

% Moisture:

Seq Number: 3145065

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	12.16.2020 11:12	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	12.16.2020 11:12	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	12.16.2020 11:12	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	12.16.2020 11:12	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	12.16.2020 11:12	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	12.16.2020 11:12	U	1
Total BTEX		<0.00198	0.00198	mg/kg	12.16.2020 11:12	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	84	%	70-130	12.16.2020 11:12		
4-Bromofluorobenzene	460-00-4	95	%	70-130	12.16.2020 11:12		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-3 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-013

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	13.6	5.05	mg/kg	12.15.2020 14:51		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.15.2020 17:03	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.15.2020 17:03	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.15.2020 17:03	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.15.2020 17:03	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	89	%	70-130	12.15.2020 17:03		
o-Terphenyl	84-15-1	95	%	70-130	12.15.2020 17:03		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-3 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-013

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.15.2020 17:00

% Moisture:

Seq Number: 3145065

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.16.2020 11:32	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.16.2020 11:32	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.16.2020 11:32	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.16.2020 11:32	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.16.2020 11:32	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.16.2020 11:32	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.16.2020 11:32	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	97	%	70-130	12.16.2020 11:32		
1,4-Difluorobenzene	540-36-3	86	%	70-130	12.16.2020 11:32		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-3 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-014

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	27.4	5.05	mg/kg	12.15.2020 14:56		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.15.2020 17:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.15.2020 17:21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.15.2020 17:21	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.15.2020 17:21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	12.15.2020 17:21	
o-Terphenyl	84-15-1	94	%	70-130	12.15.2020 17:21	



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-3 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-014

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.15.2020 17:00

% Moisture:

Seq Number: 3145065

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.16.2020 11:53	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.16.2020 11:53	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.16.2020 11:53	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.16.2020 11:53	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.16.2020 11:53	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.16.2020 11:53	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.16.2020 11:53	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	98	%	70-130	12.16.2020 11:53		
1,4-Difluorobenzene	540-36-3	88	%	70-130	12.16.2020 11:53		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-3 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-015

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	48.5	4.96	mg/kg	12.15.2020 15:01		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.15.2020 17:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.15.2020 17:40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.15.2020 17:40	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.15.2020 17:40	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	91	%	70-130	12.15.2020 17:40		
o-Terphenyl	84-15-1	97	%	70-130	12.15.2020 17:40		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-3 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-015

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.16.2020 09:00

% Moisture:

Seq Number: 3145177

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.16.2020 15:48	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.16.2020 15:48	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.16.2020 15:48	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.16.2020 15:48	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.16.2020 15:48	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.16.2020 15:48	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.16.2020 15:48	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	99	%	70-130	12.16.2020 15:48		
1,4-Difluorobenzene	540-36-3	103	%	70-130	12.16.2020 15:48		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-3(3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-016

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	16.8	5.00	mg/kg	12.15.2020 15:06		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.15.2020 17:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.15.2020 17:58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.15.2020 17:58	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.15.2020 17:58	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	96	%	70-130	12.15.2020 17:58		
o-Terphenyl	84-15-1	102	%	70-130	12.15.2020 17:58		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-3(3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-016

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.16.2020 09:00

% Moisture:

Seq Number: 3145177

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.16.2020 16:08	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.16.2020 16:08	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.16.2020 16:08	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	12.16.2020 16:08	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.16.2020 16:08	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.16.2020 16:08	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.16.2020 16:08	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	101	%	70-130	12.16.2020 16:08		
1,4-Difluorobenzene	540-36-3	101	%	70-130	12.16.2020 16:08		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-4 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-017

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1580	25.0	mg/kg	12.15.2020 15:12		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.15.2020 18:16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	12.15.2020 18:16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.15.2020 18:16	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	12.15.2020 18:16	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	96	%	70-130	12.15.2020 18:16		
o-Terphenyl	84-15-1	105	%	70-130	12.15.2020 18:16		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-4 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-017

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.16.2020 09:00

% Moisture:

Seq Number: 3145177

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	12.16.2020 16:29	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	12.16.2020 16:29	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	12.16.2020 16:29	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	12.16.2020 16:29	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	12.16.2020 16:29	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	12.16.2020 16:29	U	1
Total BTEX		<0.00198	0.00198	mg/kg	12.16.2020 16:29	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	102	%	70-130	12.16.2020 16:29		
4-Bromofluorobenzene	460-00-4	101	%	70-130	12.16.2020 16:29		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-4 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-018

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 12:40

% Moisture:

Seq Number: 3145032

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	2650	25.0	mg/kg	12.15.2020 15:17		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.15.2020 18:34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.15.2020 18:34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.15.2020 18:34	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.15.2020 18:34	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	97	%	70-130	12.15.2020 18:34		
o-Terphenyl	84-15-1	103	%	70-130	12.15.2020 18:34		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-4 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-018

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.16.2020 09:00

% Moisture:

Seq Number: 3145177

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.16.2020 16:49	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.16.2020 16:49	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.16.2020 16:49	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.16.2020 16:49	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.16.2020 16:49	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	12.16.2020 16:49	U	1
Total BTEX		<0.00199	0.00199	mg/kg	12.16.2020 16:49	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	102	%	70-130	12.16.2020 16:49		
1,4-Difluorobenzene	540-36-3	103	%	70-130	12.16.2020 16:49		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-4 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-019

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.6	4.97	mg/kg	12.15.2020 15:48		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.15.2020 18:53	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.15.2020 18:53	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.15.2020 18:53	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.15.2020 18:53	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	97	%	70-130	12.15.2020 18:53		
o-Terphenyl	84-15-1	106	%	70-130	12.15.2020 18:53		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-4 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-019

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.16.2020 09:00

% Moisture:

Seq Number: 3145177

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	12.16.2020 17:09	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	12.16.2020 17:09	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	12.16.2020 17:09	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	12.16.2020 17:09	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	12.16.2020 17:09	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	12.16.2020 17:09	U	1
Total BTEX		<0.00202	0.00202	mg/kg	12.16.2020 17:09	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	102	%	70-130	12.16.2020 17:09		
4-Bromofluorobenzene	460-00-4	114	%	70-130	12.16.2020 17:09		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-4 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-020

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.99	4.99	mg/kg	12.15.2020 16:04	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 11:00

% Moisture:

Seq Number: 3145074

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.15.2020 19:11	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.15.2020 19:11	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.15.2020 19:11	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.15.2020 19:11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	12.15.2020 19:11	
o-Terphenyl	84-15-1	103	%	70-130	12.15.2020 19:11	



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-4 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-020

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.16.2020 09:00

% Moisture:

Seq Number: 3145177

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.16.2020 17:30	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.16.2020 17:30	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.16.2020 17:30	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.16.2020 17:30	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.16.2020 17:30	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.16.2020 17:30	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.16.2020 17:30	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	107	%	70-130	12.16.2020 17:30		
1,4-Difluorobenzene	540-36-3	102	%	70-130	12.16.2020 17:30		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-4 (4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-021

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	168	4.96	mg/kg	12.15.2020 16:09		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.16.2020 12:06	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.16.2020 12:06	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.16.2020 12:06	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.16.2020 12:06	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	93	%	70-130	12.16.2020 12:06		
o-Terphenyl	84-15-1	100	%	70-130	12.16.2020 12:06		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-4 (4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-021

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.16.2020 09:00

% Moisture:

Seq Number: 3145177

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.16.2020 17:50	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.16.2020 17:50	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.16.2020 17:50	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.16.2020 17:50	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.16.2020 17:50	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.16.2020 17:50	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.16.2020 17:50	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	110	%	70-130	12.16.2020 17:50		
1,4-Difluorobenzene	540-36-3	102	%	70-130	12.16.2020 17:50		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-5 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-022

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	33.3	5.03	mg/kg	12.15.2020 16:14		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.16.2020 13:03	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.16.2020 13:03	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.16.2020 13:03	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.16.2020 13:03	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	96	%	70-130	12.16.2020 13:03		
o-Terphenyl	84-15-1	103	%	70-130	12.16.2020 13:03		



Certificate of Analytical Results 681057

Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-5 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-022

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.16.2020 09:00

% Moisture:

Seq Number: 3145177

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	12.16.2020 18:11	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	12.16.2020 18:11	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	12.16.2020 18:11	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	12.16.2020 18:11	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	12.16.2020 18:11	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	12.16.2020 18:11	U	1
Total BTEX		<0.00201	0.00201	mg/kg	12.16.2020 18:11	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	104	%	70-130	12.16.2020 18:11		
1,4-Difluorobenzene	540-36-3	102	%	70-130	12.16.2020 18:11		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-5 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-023

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	109	4.97	mg/kg	12.15.2020 16:19		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.16.2020 13:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	51.8	50.0	mg/kg	12.16.2020 13:22		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.16.2020 13:22	U	1
Total TPH	PHC635	51.8	50.0	mg/kg	12.16.2020 13:22		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	93	%	70-130	12.16.2020 13:22		
o-Terphenyl	84-15-1	100	%	70-130	12.16.2020 13:22		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-5 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-023

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.16.2020 09:00

% Moisture:

Seq Number: 3145177

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	12.16.2020 18:31	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	12.16.2020 18:31	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	12.16.2020 18:31	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	12.16.2020 18:31	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	12.16.2020 18:31	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	12.16.2020 18:31	U	1
Total BTEX		<0.00202	0.00202	mg/kg	12.16.2020 18:31	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	106	%	70-130	12.16.2020 18:31		
1,4-Difluorobenzene	540-36-3	103	%	70-130	12.16.2020 18:31		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-5 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-024

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	78.4	4.98	mg/kg	12.15.2020 16:35		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.16.2020 13:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.16.2020 13:40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.16.2020 13:40	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.16.2020 13:40	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	92	%	70-130	12.16.2020 13:40		
o-Terphenyl	84-15-1	98	%	70-130	12.16.2020 13:40		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-5 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-024

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.16.2020 09:00

% Moisture:

Seq Number: 3145177

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	12.16.2020 18:51	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	12.16.2020 18:51	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	12.16.2020 18:51	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	12.16.2020 18:51	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	12.16.2020 18:51	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	12.16.2020 18:51	U	1
Total BTEX		<0.00202	0.00202	mg/kg	12.16.2020 18:51	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	108	%	70-130	12.16.2020 18:51		
1,4-Difluorobenzene	540-36-3	102	%	70-130	12.16.2020 18:51		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-5 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-025

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	18.2	5.02	mg/kg	12.15.2020 16:40		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.16.2020 13:59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.16.2020 13:59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.16.2020 13:59	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.16.2020 13:59	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	92	%	70-130	12.16.2020 13:59		
o-Terphenyl	84-15-1	100	%	70-130	12.16.2020 13:59		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-5 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-025

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.17.2020 10:00

% Moisture:

Seq Number: 3145283

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.17.2020 19:27	UX	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.17.2020 19:27	UX	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.17.2020 19:27	UX	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.17.2020 19:27	UX	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.17.2020 19:27	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	12.17.2020 19:27	U	1
Total BTEX		<0.00199	0.00199	mg/kg	12.17.2020 19:27	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	111	%	70-130	12.17.2020 19:27		
1,4-Difluorobenzene	540-36-3	103	%	70-130	12.17.2020 19:27		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-5 (4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-026

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	100	4.96	mg/kg	12.15.2020 16:45		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.16.2020 14:18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.16.2020 14:18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.16.2020 14:18	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.16.2020 14:18	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	94	%	70-130	12.16.2020 14:18		
o-Terphenyl	84-15-1	101	%	70-130	12.16.2020 14:18		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-5 (4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-026

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.17.2020 10:00

% Moisture:

Seq Number: 3145283

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	12.17.2020 19:47	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	12.17.2020 19:47	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	12.17.2020 19:47	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	12.17.2020 19:47	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	12.17.2020 19:47	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	12.17.2020 19:47	U	1
Total BTEX		<0.00201	0.00201	mg/kg	12.17.2020 19:47	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	109	%	70-130	12.17.2020 19:47		
1,4-Difluorobenzene	540-36-3	105	%	70-130	12.17.2020 19:47		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-6 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-027

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	452	4.99	mg/kg	12.15.2020 16:50		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	220	49.9	mg/kg	12.16.2020 14:36		1
Diesel Range Organics (DRO)	C10C28DRO	4140	49.9	mg/kg	12.16.2020 14:36		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	438	49.9	mg/kg	12.16.2020 14:36		1
Total TPH	PHC635	4800	49.9	mg/kg	12.16.2020 14:36		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	126	%	70-130	12.16.2020 14:36		
o-Terphenyl	84-15-1	117	%	70-130	12.16.2020 14:36		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-6 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-027

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.17.2020 10:00

% Moisture:

Seq Number: 3145283

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.17.2020 20:07	U	1
Toluene	108-88-3	0.135	0.00200	mg/kg	12.17.2020 20:07		1
Ethylbenzene	100-41-4	0.187	0.00200	mg/kg	12.17.2020 20:07		1
m,p-Xylenes	179601-23-1	0.150	0.00401	mg/kg	12.17.2020 20:07		1
o-Xylene	95-47-6	0.396	0.00200	mg/kg	12.17.2020 20:07		1
Total Xylenes	1330-20-7	0.546	0.00200	mg/kg	12.17.2020 20:07		1
Total BTEX		0.868	0.00200	mg/kg	12.17.2020 20:07		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	1327	%	70-130	12.17.2020 20:07	**	
1,4-Difluorobenzene	540-36-3	95	%	70-130	12.17.2020 20:07		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-6 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-028

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	23.8	5.00	mg/kg	12.15.2020 16:56		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.16.2020 14:55	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.16.2020 14:55	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.16.2020 14:55	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.16.2020 14:55	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	94	%	70-130	12.16.2020 14:55		
o-Terphenyl	84-15-1	100	%	70-130	12.16.2020 14:55		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-6 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-028

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.17.2020 10:00

% Moisture:

Seq Number: 3145283

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	12.17.2020 20:28	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	12.17.2020 20:28	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	12.17.2020 20:28	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	12.17.2020 20:28	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	12.17.2020 20:28	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	12.17.2020 20:28	U	1
Total BTEX		<0.00202	0.00202	mg/kg	12.17.2020 20:28	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	110	%	70-130	12.17.2020 20:28		
1,4-Difluorobenzene	540-36-3	104	%	70-130	12.17.2020 20:28		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-6 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-029

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.04	5.04	mg/kg	12.15.2020 17:01	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.16.2020 15:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.16.2020 15:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.16.2020 15:14	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.16.2020 15:14	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	94	%	70-130	12.16.2020 15:14		
o-Terphenyl	84-15-1	98	%	70-130	12.16.2020 15:14		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-6 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-029

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.17.2020 10:00

% Moisture:

Seq Number: 3145283

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.17.2020 20:48	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.17.2020 20:48	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.17.2020 20:48	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.17.2020 20:48	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.17.2020 20:48	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	12.17.2020 20:48	U	1
Total BTEX		<0.00199	0.00199	mg/kg	12.17.2020 20:48	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	110	%	70-130	12.17.2020 20:48		
1,4-Difluorobenzene	540-36-3	104	%	70-130	12.17.2020 20:48		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-6 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-030

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	34.3	4.95	mg/kg	12.15.2020 17:16		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.16.2020 15:32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	12.16.2020 15:32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.16.2020 15:32	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	12.16.2020 15:32	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	96	%	70-130	12.16.2020 15:32		
o-Terphenyl	84-15-1	102	%	70-130	12.16.2020 15:32		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-6 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-030

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.17.2020 10:00

% Moisture:

Seq Number: 3145283

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	12.17.2020 21:09	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	12.17.2020 21:09	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	12.17.2020 21:09	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	12.17.2020 21:09	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	12.17.2020 21:09	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	12.17.2020 21:09	U	1
Total BTEX		<0.00202	0.00202	mg/kg	12.17.2020 21:09	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	105	%	70-130	12.17.2020 21:09		
1,4-Difluorobenzene	540-36-3	104	%	70-130	12.17.2020 21:09		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-6(4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-031

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	24.4	4.98	mg/kg	12.15.2020 17:21		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.16.2020 16:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.16.2020 16:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.16.2020 16:10	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.16.2020 16:10	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	92	%	70-130	12.16.2020 16:10		
o-Terphenyl	84-15-1	100	%	70-130	12.16.2020 16:10		



Certificate of Analytical Results 681057

Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-6(4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-031

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.17.2020 10:00

% Moisture:

Seq Number: 3145283

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.17.2020 21:29	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.17.2020 21:29	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.17.2020 21:29	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.17.2020 21:29	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.17.2020 21:29	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	12.17.2020 21:29	U	1
Total BTEX		<0.00199	0.00199	mg/kg	12.17.2020 21:29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	70-130	12.17.2020 21:29	
1,4-Difluorobenzene	540-36-3	105	%	70-130	12.17.2020 21:29	



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-7 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-032

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	575	4.99	mg/kg	12.15.2020 17:37		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<250	250	mg/kg	12.16.2020 16:29	U	5
Diesel Range Organics (DRO)	C10C28DRO	14500	250	mg/kg	12.16.2020 16:29		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	2300	250	mg/kg	12.16.2020 16:29		5
Total TPH	PHC635	16800	250	mg/kg	12.16.2020 16:29		5
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	103	%	70-130	12.16.2020 16:29		
o-Terphenyl	84-15-1	105	%	70-130	12.16.2020 16:29		



Certificate of Analytical Results 681057

Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-7 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-032

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.17.2020 10:00

% Moisture:

Seq Number: 3145283

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	12.17.2020 21:49	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	12.17.2020 21:49	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	12.17.2020 21:49	U	1
m,p-Xylenes	179601-23-1	0.00463	0.00396	mg/kg	12.17.2020 21:49		1
o-Xylene	95-47-6	0.00219	0.00198	mg/kg	12.17.2020 21:49		1
Total Xylenes	1330-20-7	0.00682	0.00198	mg/kg	12.17.2020 21:49		1
Total BTEX		0.00682	0.00198	mg/kg	12.17.2020 21:49		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	133	%	70-130	12.17.2020 21:49	**	
1,4-Difluorobenzene	540-36-3	102	%	70-130	12.17.2020 21:49		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-7 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-033

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	32.6	5.04	mg/kg	12.15.2020 17:42		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.16.2020 16:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	110	49.9	mg/kg	12.16.2020 16:48		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.16.2020 16:48	U	1
Total TPH	PHC635	110	49.9	mg/kg	12.16.2020 16:48		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	91	%	70-130	12.16.2020 16:48		
o-Terphenyl	84-15-1	97	%	70-130	12.16.2020 16:48		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-7 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-033

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.17.2020 10:00

% Moisture:

Seq Number: 3145283

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.17.2020 22:10	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.17.2020 22:10	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.17.2020 22:10	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.17.2020 22:10	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.17.2020 22:10	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	12.17.2020 22:10	U	1
Total BTEX		<0.00199	0.00199	mg/kg	12.17.2020 22:10	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	197	%	70-130	12.17.2020 22:10	**	
1,4-Difluorobenzene	540-36-3	92	%	70-130	12.17.2020 22:10		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-7 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-034

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	12.15.2020 17:47	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	12.16.2020 17:07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	12.16.2020 17:07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	12.16.2020 17:07	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	12.16.2020 17:07	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	90	%	70-130	12.16.2020 17:07		
o-Terphenyl	84-15-1	93	%	70-130	12.16.2020 17:07		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-7 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-034

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.18.2020 13:00

% Moisture:
Basis: Wet Weight

Seq Number: 3145446

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.18.2020 17:30	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.18.2020 17:30	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.18.2020 17:30	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.18.2020 17:30	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.18.2020 17:30	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	12.18.2020 17:30	U	1
Total BTEX		<0.00199	0.00199	mg/kg	12.18.2020 17:30	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	98	%	70-130	12.18.2020 17:30		
4-Bromofluorobenzene	460-00-4	103	%	70-130	12.18.2020 17:30		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-7 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-035

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	12.15.2020 17:53	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.16.2020 17:26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.16.2020 17:26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.16.2020 17:26	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.16.2020 17:26	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	94	%	70-130	12.16.2020 17:26		
o-Terphenyl	84-15-1	97	%	70-130	12.16.2020 17:26		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-7 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-035

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.18.2020 13:00

% Moisture:

Seq Number: 3145446

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.18.2020 17:50	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.18.2020 17:50	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.18.2020 17:50	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.18.2020 17:50	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.18.2020 17:50	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	12.18.2020 17:50	U	1
Total BTEX		<0.00199	0.00199	mg/kg	12.18.2020 17:50	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	98	%	70-130	12.18.2020 17:50		
4-Bromofluorobenzene	460-00-4	106	%	70-130	12.18.2020 17:50		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-7 (4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-036

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.1	5.00	mg/kg	12.15.2020 17:58		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.16.2020 17:44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.16.2020 17:44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.16.2020 17:44	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.16.2020 17:44	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	95	%	70-130	12.16.2020 17:44		
o-Terphenyl	84-15-1	100	%	70-130	12.16.2020 17:44		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-7 (4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-036

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.18.2020 13:00

% Moisture:
Basis: Wet Weight

Seq Number: 3145446

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.18.2020 18:10	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.18.2020 18:10	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.18.2020 18:10	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	12.18.2020 18:10	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.18.2020 18:10	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.18.2020 18:10	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.18.2020 18:10	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	99	%	70-130	12.18.2020 18:10		
4-Bromofluorobenzene	460-00-4	106	%	70-130	12.18.2020 18:10		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-8 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-037

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	4080	25.3	mg/kg	12.15.2020 18:03		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	869	249	mg/kg	12.16.2020 18:03		5
Diesel Range Organics (DRO)	C10C28DRO	17500	249	mg/kg	12.16.2020 18:03		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	2310	249	mg/kg	12.16.2020 18:03		5
Total TPH	PHC635	20700	249	mg/kg	12.16.2020 18:03		5
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	107	%	70-130	12.16.2020 18:03		
o-Terphenyl	84-15-1	120	%	70-130	12.16.2020 18:03		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-8 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-037

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.18.2020 13:00

% Moisture:

Seq Number: 3145446

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	12.18.2020 18:31	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	12.18.2020 18:31	U	1
Ethylbenzene	100-41-4	0.0728	0.00201	mg/kg	12.18.2020 18:31		1
m,p-Xylenes	179601-23-1	0.252	0.00402	mg/kg	12.18.2020 18:31		1
o-Xylene	95-47-6	0.164	0.00201	mg/kg	12.18.2020 18:31		1
Total Xylenes	1330-20-7	0.416	0.00201	mg/kg	12.18.2020 18:31		1
Total BTEX		0.489	0.00201	mg/kg	12.18.2020 18:31		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	89	%	70-130	12.18.2020 18:31	
4-Bromofluorobenzene	460-00-4	298	%	70-130	12.18.2020 18:31	**



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-8 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-038

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:10

% Moisture:

Seq Number: 3145033

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	537	4.99	mg/kg	12.15.2020 18:08		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.16.2020 18:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.16.2020 18:21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.16.2020 18:21	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.16.2020 18:21	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	94	%	70-130	12.16.2020 18:21		
o-Terphenyl	84-15-1	101	%	70-130	12.16.2020 18:21		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-8 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-038

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.18.2020 13:00

% Moisture:

Seq Number: 3145446

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.18.2020 18:51	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.18.2020 18:51	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.18.2020 18:51	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.18.2020 18:51	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.18.2020 18:51	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.18.2020 18:51	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.18.2020 18:51	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	112	%	70-130	12.18.2020 18:51		
1,4-Difluorobenzene	540-36-3	99	%	70-130	12.18.2020 18:51		



Certificate of Analytical Results 681057

Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-8 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-039

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:36

% Moisture:

Seq Number: 3145036

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.3	5.00	mg/kg	12.15.2020 20:03		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.16.2020 18:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.16.2020 18:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.16.2020 18:39	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.16.2020 18:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	12.16.2020 18:39	
o-Terphenyl	84-15-1	97	%	70-130	12.16.2020 18:39	



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-8 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-039

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.18.2020 13:00

% Moisture:
Basis: Wet Weight

Seq Number: 3145446

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	12.18.2020 19:12	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	12.18.2020 19:12	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	12.18.2020 19:12	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	12.18.2020 19:12	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	12.18.2020 19:12	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	12.18.2020 19:12	U	1
Total BTEX		<0.00202	0.00202	mg/kg	12.18.2020 19:12	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	94	%	70-130	12.18.2020 19:12		
4-Bromofluorobenzene	460-00-4	125	%	70-130	12.18.2020 19:12		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-8 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-040

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:36

% Moisture:

Seq Number: 3145036

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	26.0	4.99	mg/kg	12.15.2020 20:19		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 10:00

% Moisture:

Seq Number: 3145211

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.16.2020 18:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.16.2020 18:58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.16.2020 18:58	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.16.2020 18:58	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	98	%	70-130	12.16.2020 18:58		
o-Terphenyl	84-15-1	100	%	70-130	12.16.2020 18:58		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-8 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-040

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.18.2020 13:00

% Moisture:

Seq Number: 3145446

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.18.2020 19:32	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.18.2020 19:32	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.18.2020 19:32	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	12.18.2020 19:32	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.18.2020 19:32	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.18.2020 19:32	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.18.2020 19:32	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	91	%	70-130	12.18.2020 19:32		
4-Bromofluorobenzene	460-00-4	105	%	70-130	12.18.2020 19:32		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-8 (4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-041

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:36

% Moisture:

Seq Number: 3145036

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	15.5	5.04	mg/kg	12.15.2020 20:24		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 15:00

% Moisture:

Seq Number: 3145212

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.17.2020 02:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	256	50.0	mg/kg	12.17.2020 02:21		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	65.8	50.0	mg/kg	12.17.2020 02:21		1
Total TPH	PHC635	322	50.0	mg/kg	12.17.2020 02:21		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	94	%	70-130	12.17.2020 02:21		
o-Terphenyl	84-15-1	112	%	70-130	12.17.2020 02:21		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-8 (4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-041

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.18.2020 13:00

% Moisture:

Seq Number: 3145446

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.18.2020 19:53	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.18.2020 19:53	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.18.2020 19:53	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	12.18.2020 19:53	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.18.2020 19:53	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.18.2020 19:53	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.18.2020 19:53	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	106	%	70-130	12.18.2020 19:53		
1,4-Difluorobenzene	540-36-3	99	%	70-130	12.18.2020 19:53		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-9 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-042

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:36

% Moisture:

Seq Number: 3145036

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	3950	24.8	mg/kg	12.15.2020 20:29		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 15:00

% Moisture:

Seq Number: 3145212

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	851	249	mg/kg	12.17.2020 02:40		5
Diesel Range Organics (DRO)	C10C28DRO	27700	249	mg/kg	12.17.2020 02:40		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	2990	249	mg/kg	12.17.2020 02:40		5
Total TPH	PHC635	31500	249	mg/kg	12.17.2020 02:40		5
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	103	%	70-130	12.17.2020 02:40		
o-Terphenyl	84-15-1	113	%	70-130	12.17.2020 02:40		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-9 (0-1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-042

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.18.2020 13:00

% Moisture:

Seq Number: 3145446

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.18.2020 20:13	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.18.2020 20:13	U	1
Ethylbenzene	100-41-4	0.117	0.00199	mg/kg	12.18.2020 20:13		1
m,p-Xylenes	179601-23-1	0.400	0.00398	mg/kg	12.18.2020 20:13		1
o-Xylene	95-47-6	0.266	0.00199	mg/kg	12.18.2020 20:13		1
Total Xylenes	1330-20-7	0.666	0.00199	mg/kg	12.18.2020 20:13		1
Total BTEX		0.783	0.00199	mg/kg	12.18.2020 20:13		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	447	%	70-130	12.18.2020 20:13	**	
1,4-Difluorobenzene	540-36-3	79	%	70-130	12.18.2020 20:13		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-9 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-043

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:36

% Moisture:

Seq Number: 3145036

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	918	4.97	mg/kg	12.15.2020 20:35		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 15:00

% Moisture:

Seq Number: 3145212

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.17.2020 02:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	67.5	50.0	mg/kg	12.17.2020 02:58		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.17.2020 02:58	U	1
Total TPH	PHC635	67.5	50.0	mg/kg	12.17.2020 02:58		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	91	%	70-130	12.17.2020 02:58		
o-Terphenyl	84-15-1	95	%	70-130	12.17.2020 02:58		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-9 (1')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-043

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.18.2020 13:00

% Moisture:

Seq Number: 3145446

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	12.18.2020 21:36	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	12.18.2020 21:36	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	12.18.2020 21:36	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	12.18.2020 21:36	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	12.18.2020 21:36	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	12.18.2020 21:36	U	1
Total BTEX		<0.00201	0.00201	mg/kg	12.18.2020 21:36	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	118	%	70-130	12.18.2020 21:36		
1,4-Difluorobenzene	540-36-3	93	%	70-130	12.18.2020 21:36		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-9 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-044

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:36

% Moisture:

Seq Number: 3145036

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	12.6	5.05	mg/kg	12.15.2020 20:50		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.16.2020 15:00

% Moisture:

Seq Number: 3145212

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	12.17.2020 03:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	12.17.2020 03:17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	12.17.2020 03:17	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	12.17.2020 03:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	12.17.2020 03:17	
o-Terphenyl	84-15-1	94	%	70-130	12.17.2020 03:17	



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-9 (2')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-044

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.18.2020 13:00

% Moisture:

Seq Number: 3145446

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.18.2020 17:09	UXF	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.18.2020 17:09	UXF	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.18.2020 17:09	UXF	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.18.2020 17:09	UXF	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.18.2020 17:09	UXF	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	12.18.2020 17:09	U	1
Total BTEX		<0.00199	0.00199	mg/kg	12.18.2020 17:09	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	105	%	70-130	12.18.2020 17:09		
1,4-Difluorobenzene	540-36-3	97	%	70-130	12.18.2020 17:09		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-9 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-045

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:36

% Moisture:

Seq Number: 3145036

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	25.6	5.05	mg/kg	12.15.2020 20:55		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 16:00

% Moisture:

Seq Number: 3145078

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.16.2020 06:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.16.2020 06:05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.16.2020 06:05	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.16.2020 06:05	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	94	%	70-130	12.16.2020 06:05		
o-Terphenyl	84-15-1	98	%	70-130	12.16.2020 06:05		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-9 (3')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-045

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.18.2020 13:00

% Moisture:

Seq Number: 3145446

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.18.2020 21:56	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.18.2020 21:56	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.18.2020 21:56	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.18.2020 21:56	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.18.2020 21:56	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	12.18.2020 21:56	U	1
Total BTEX		<0.00199	0.00199	mg/kg	12.18.2020 21:56	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	102	%	70-130	12.18.2020 21:56		
1,4-Difluorobenzene	540-36-3	99	%	70-130	12.18.2020 21:56		



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Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-9 (4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-046

Date Collected: 12.14.2020 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 12.15.2020 13:36

% Moisture:

Seq Number: 3145036

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	13.8	4.98	mg/kg	12.15.2020 21:01		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 12.15.2020 16:00

% Moisture:

Seq Number: 3145078

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	12.16.2020 06:27	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	12.16.2020 06:27	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	12.16.2020 06:27	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	12.16.2020 06:27	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	100	%	70-130	12.16.2020 06:27		
o-Terphenyl	84-15-1	102	%	70-130	12.16.2020 06:27		



Certificate of Analytical Results 681057

Tetra Tech- Midland, Midland, TX

Domino AOJ Federal Battery

Sample Id: **Trench-9 (4')**

Matrix: Soil

Date Received: 12.15.2020 09:38

Lab Sample Id: 681057-046

Date Collected: 12.14.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 12.18.2020 13:00

% Moisture:

Seq Number: 3145446

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.18.2020 22:17	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.18.2020 22:17	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.18.2020 22:17	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	12.18.2020 22:17	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.18.2020 22:17	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.18.2020 22:17	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.18.2020 22:17	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	104	%	70-130	12.18.2020 22:17		
1,4-Difluorobenzene	540-36-3	99	%	70-130	12.18.2020 22:17		

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

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

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

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

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

+ NELAC certification not offered for this compound.

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



Tetra Tech- Midland
Domino AOJ Federal Battery

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3145032

Matrix: Solid

Prep Method: E300P

Date Prep: 12.15.2020

MB Sample Id: 7717125-1-BLK

LCS Sample Id: 7717125-1-BKS

LCSD Sample Id: 7717125-1-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	252	101	251	100	90-110	0	20	mg/kg	12.15.2020 12:46	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3145033

Matrix: Solid

Prep Method: E300P

Date Prep: 12.15.2020

MB Sample Id: 7717131-1-BLK

LCS Sample Id: 7717131-1-BKS

LCSD Sample Id: 7717131-1-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	258	103	259	104	90-110	0	20	mg/kg	12.15.2020 15:38	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3145036

Matrix: Solid

Prep Method: E300P

Date Prep: 12.15.2020

MB Sample Id: 7717157-1-BLK

LCS Sample Id: 7717157-1-BKS

LCSD Sample Id: 7717157-1-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	261	104	90-110	0	20	mg/kg	12.15.2020 19:53	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3145032

Matrix: Soil

Prep Method: E300P

Date Prep: 12.15.2020

Parent Sample Id: 680447-008

MS Sample Id: 680447-008 S

MSD Sample Id: 680447-008 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	17.9	251	274	102	273	102	90-110	0	20	mg/kg	12.15.2020 13:02	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3145032

Matrix: Soil

Prep Method: E300P

Date Prep: 12.15.2020

Parent Sample Id: 681057-009

MS Sample Id: 681057-009 S

MSD Sample Id: 681057-009 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	3250	1250	4580	106	4590	107	90-110	0	20	mg/kg	12.15.2020 14:15	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3145033

Matrix: Soil

Prep Method: E300P

Date Prep: 12.15.2020

Parent Sample Id: 681057-019

MS Sample Id: 681057-019 S

MSD Sample Id: 681057-019 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	11.6	249	270	104	269	103	90-110	0	20	mg/kg	12.15.2020 15:53	

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



Tetra Tech- Midland

Domino AOJ Federal Battery

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3145033

Matrix: Soil

Prep Method: E300P

Date Prep: 12.15.2020

Parent Sample Id: 681057-029

MS Sample Id: 681057-029 S

MSD Sample Id: 681057-029 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.04	252	265	105	265	105	90-110	0	20	mg/kg	12.15.2020 17:06	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3145036

Matrix: Soil

Prep Method: E300P

Date Prep: 12.15.2020

Parent Sample Id: 680824-007

MS Sample Id: 680824-007 S

MSD Sample Id: 680824-007 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	56.0	251	330	109	331	110	90-110	0	20	mg/kg	12.15.2020 21:22	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3145036

Matrix: Soil

Prep Method: E300P

Date Prep: 12.15.2020

Parent Sample Id: 681057-039

MS Sample Id: 681057-039 S

MSD Sample Id: 681057-039 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	11.3	250	273	105	273	105	90-110	0	20	mg/kg	12.15.2020 20:08	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3145074

Matrix: Solid

Prep Method: SW8015P

Date Prep: 12.15.2020

MB Sample Id: 7717210-1-BLK

LCS Sample Id: 7717210-1-BKS

LCSD Sample Id: 7717210-1-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	988	99	977	98	70-130	1	20	mg/kg	12.15.2020 11:21	
Diesel Range Organics (DRO)	<50.0	1000	1000	100	986	99	70-130	1	20	mg/kg	12.15.2020 11:21	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	90		111		108		70-130	%	12.15.2020 11:21
o-Terphenyl	101		109		113		70-130	%	12.15.2020 11:21

Analytical Method: TPH By SW8015 Mod

Seq Number: 3145211

Matrix: Solid

Prep Method: SW8015P

Date Prep: 12.16.2020

MB Sample Id: 7717258-1-BLK

LCS Sample Id: 7717258-1-BKS

LCSD Sample Id: 7717258-1-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	915	92	906	91	70-130	1	20	mg/kg	12.16.2020 11:28	
Diesel Range Organics (DRO)	<50.0	1000	945	95	958	96	70-130	1	20	mg/kg	12.16.2020 11:28	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	93		127		122		70-130	%	12.16.2020 11:28
o-Terphenyl	100		107		105		70-130	%	12.16.2020 11:28

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



Tetra Tech- Midland

Domino AOJ Federal Battery

Analytical Method: TPH By SW8015 Mod

Seq Number: 3145078

MB Sample Id: 7717219-1-BLK

Matrix: Solid

LCS Sample Id: 7717219-1-BKS

Prep Method: SW8015P

Date Prep: 12.16.2020

LCSD Sample Id: 7717219-1-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	945	95	949	95	70-130	0	20	mg/kg	12.15.2020 22:08	
Diesel Range Organics (DRO)	<50.0	1000	973	97	950	95	70-130	2	20	mg/kg	12.15.2020 22:08	
Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag		LCSD %Rec	LCSD Flag		Limits	Units	Analysis Date	
1-Chlorooctane	93		100			97			70-130	%	12.15.2020 22:08	
o-Terphenyl	97		96			96			70-130	%	12.15.2020 22:08	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3145212

MB Sample Id: 7717265-1-BLK

Matrix: Solid

LCS Sample Id: 7717265-1-BKS

Prep Method: SW8015P

Date Prep: 12.16.2020

LCSD Sample Id: 7717265-1-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	888	89	949	95	70-130	7	20	mg/kg	12.16.2020 19:53	
Diesel Range Organics (DRO)	<50.0	1000	948	95	1010	101	70-130	6	20	mg/kg	12.16.2020 19:53	
Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag		LCSD %Rec	LCSD Flag		Limits	Units	Analysis Date	
1-Chlorooctane	90		121			118			70-130	%	12.16.2020 19:53	
o-Terphenyl	98		106			104			70-130	%	12.16.2020 19:53	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3145074

Matrix: Solid

MB Sample Id: 7717210-1-BLK

Prep Method: SW8015P

Date Prep: 12.15.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	12.15.2020 11:03	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3145211

Matrix: Solid

MB Sample Id: 7717258-1-BLK

Prep Method: SW8015P

Date Prep: 12.16.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	12.16.2020 11:10	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3145078

Matrix: Solid

MB Sample Id: 7717219-1-BLK

Prep Method: SW8015P

Date Prep: 12.16.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	12.15.2020 21:46	

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



Tetra Tech- Midland

Domino AOJ Federal Battery

Analytical Method: TPH By SW8015 Mod

Seq Number: 3145212

Matrix: Solid

Prep Method: SW8015P

Date Prep: 12.16.2020

MB Sample Id: 7717265-1-BLK

Parameter

Motor Oil Range Hydrocarbons (MRO)

**MB
Result**

<50.0

Units

mg/kg

**Analysis
Date**

12.16.2020 19:35

Flag**Analytical Method:** TPH By SW8015 Mod

Seq Number: 3145074

Matrix: Soil

Prep Method: SW8015P

Date Prep: 12.15.2020

Parent Sample Id: 681057-001

MS Sample Id: 681057-001 S

MSD Sample Id: 681057-001 SD

Parameter

Gasoline Range Hydrocarbons (GRO)

**Parent
Result**

56.1

**Spike
Amount**

997

**MS
Result**

991

**MS
%Rec**

94

**MSD
Result**

875

**MSD
%Rec**

82

Limits

70-130

%RPD

12

**RPD
Limit**

20

Units

mg/kg

**Analysis
Date**

12.15.2020 12:36

Flag

Diesel Range Organics (DRO)

2200

997

2400

20

2510

31

70-130

4

20

mg/kg

12.15.2020 12:36

X

Surrogate

1-Chlorooctane

**MS
%Rec**

124

**MS
Flag****MSD
%Rec**

125

**MSD
Flag****Limits**

70-130

Units

%

**Analysis
Date**

12.15.2020 12:36

o-Terphenyl

96

98

70-130

%

12.15.2020 12:36

Analytical Method: TPH By SW8015 Mod

Seq Number: 3145211

Matrix: Soil

Prep Method: SW8015P

Date Prep: 12.16.2020

Parent Sample Id: 681057-021

MS Sample Id: 681057-021 S

MSD Sample Id: 681057-021 SD

Parameter

Gasoline Range Hydrocarbons (GRO)

**Parent
Result**

<49.9

**Spike
Amount**

997

**MS
Result**

901

**MS
%Rec**

90

**MSD
Result**

1050

**MSD
%Rec**

105

Limits

70-130

%RPD

15

**RPD
Limit**

20

Units

mg/kg

**Analysis
Date**

12.16.2020 12:25

Flag

Diesel Range Organics (DRO)

<49.9

997

957

96

1060

106

70-130

10

20

mg/kg

12.16.2020 12:25

Surrogate

1-Chlorooctane

**MS
%Rec**

122

**MS
Flag****MSD
%Rec**

130

**MSD
Flag****Limits**

70-130

Units

%

**Analysis
Date**

12.16.2020 12:25

o-Terphenyl

102

116

70-130

%

12.16.2020 12:25

Analytical Method: TPH By SW8015 Mod

Seq Number: 3145078

Matrix: Soil

Prep Method: SW8015P

Date Prep: 12.16.2020

Parent Sample Id: 680913-001

MS Sample Id: 680913-001 S

MSD Sample Id: 680913-001 SD

Parameter

Gasoline Range Hydrocarbons (GRO)

**Parent
Result**

<49.9

**Spike
Amount**

997

**MS
Result**

1050

**MS
%Rec**

105

**MSD
Result**

1100

**MSD
%Rec**

110

Limits

70-130

%RPD

5

**RPD
Limit**

20

Units

mg/kg

**Analysis
Date**

12.15.2020 23:13

Flag

Diesel Range Organics (DRO)

<49.9

997

1060

106

1170

117

70-130

10

20

mg/kg

12.15.2020 23:13

Surrogate

1-Chlorooctane

**MS
%Rec**

96

**MS
Flag****MSD
%Rec**

103

**MSD
Flag****Limits**

70-130

Units

%

**Analysis
Date**

12.15.2020 23:13

o-Terphenyl

88

102

70-130

%

12.15.2020 23:13

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

Tetra Tech- Midland

Domino AOJ Federal Battery

Analytical Method: TPH By SW8015 Mod

Seq Number: 3145212

Parent Sample Id: 681031-001

Matrix: Soil

MS Sample Id: 681031-001 S

Prep Method: SW8015P

Date Prep: 12.16.2020

MSD Sample Id: 681031-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	978	98	930	93	70-130	5	20	mg/kg	12.16.2020 20:47	
Diesel Range Organics (DRO)	<49.9	998	988	99	1060	106	70-130	7	20	mg/kg	12.16.2020 20:47	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	125		108		70-130	%	12.16.2020 20:47
o-Terphenyl	97		97		70-130	%	12.16.2020 20:47

Analytical Method: BTEX by EPA 8021B

Seq Number: 3145065

MB Sample Id: 7717242-1-BLK

Matrix: Solid

LCS Sample Id: 7717242-1-BKS

Prep Method: SW5035A

Date Prep: 12.15.2020

LCSD Sample Id: 7717242-1-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	0.0875	88	0.0882	88	70-130	1	35	mg/kg	12.16.2020 03:17	
Toluene	<0.00200	0.100	0.103	103	0.0999	100	70-130	3	35	mg/kg	12.16.2020 03:17	
Ethylbenzene	<0.00200	0.100	0.107	107	0.102	102	70-130	5	35	mg/kg	12.16.2020 03:17	
m,p-Xylenes	<0.00400	0.200	0.194	97	0.183	92	70-130	6	35	mg/kg	12.16.2020 03:17	
o-Xylene	<0.00200	0.100	0.0972	97	0.0921	92	70-130	5	35	mg/kg	12.16.2020 03:17	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	78		84		86		70-130	%	12.16.2020 03:17
4-Bromofluorobenzene	96		103		101		70-130	%	12.16.2020 03:17

Analytical Method: BTEX by EPA 8021B

Seq Number: 3145177

MB Sample Id: 7717307-1-BLK

Matrix: Solid

LCS Sample Id: 7717307-1-BKS

Prep Method: SW5035A

Date Prep: 12.16.2020

LCSD Sample Id: 7717307-1-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	0.0856	86	0.0860	86	70-130	0	35	mg/kg	12.16.2020 19:53	
Toluene	<0.00200	0.100	0.0827	83	0.0824	82	70-130	0	35	mg/kg	12.16.2020 19:53	
Ethylbenzene	<0.00200	0.100	0.0920	92	0.0915	92	70-130	1	35	mg/kg	12.16.2020 19:53	
m,p-Xylenes	<0.00400	0.200	0.178	89	0.178	89	70-130	0	35	mg/kg	12.16.2020 19:53	
o-Xylene	<0.00200	0.100	0.0901	90	0.0890	89	70-130	1	35	mg/kg	12.16.2020 19:53	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	99		102		104		70-130	%	12.16.2020 19:53
4-Bromofluorobenzene	108		98		97		70-130	%	12.16.2020 19:53

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



Tetra Tech- Midland
Domino AOJ Federal Battery

Analytical Method: BTEX by EPA 8021B

Seq Number: 3145283

Matrix: Solid

Prep Method: SW5035A

Date Prep: 12.17.2020

MB Sample Id: 7717392-1-BLK

LCS Sample Id: 7717392-1-BKS

LCSD Sample Id: 7717392-1-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	0.127	127	0.125	125	70-130	2	35	mg/kg	12.17.2020 15:16	
Toluene	<0.00200	0.100	0.118	118	0.116	116	70-130	2	35	mg/kg	12.17.2020 15:16	
Ethylbenzene	<0.00200	0.100	0.123	123	0.122	122	70-130	1	35	mg/kg	12.17.2020 15:16	
m,p-Xylenes	<0.00400	0.200	0.252	126	0.249	125	70-130	1	35	mg/kg	12.17.2020 15:16	
o-Xylene	<0.00200	0.100	0.119	119	0.118	118	70-130	1	35	mg/kg	12.17.2020 15:16	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	103		104		103		70-130	%	12.17.2020 15:16
4-Bromofluorobenzene	111		100		100		70-130	%	12.17.2020 15:16

Analytical Method: BTEX by EPA 8021B

Seq Number: 3145446

Matrix: Solid

Prep Method: SW5035A

Date Prep: 12.18.2020

MB Sample Id: 7717497-1-BLK

LCS Sample Id: 7717497-1-BKS

LCSD Sample Id: 7717497-1-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	0.103	103	0.0940	94	70-130	9	35	mg/kg	12.18.2020 14:48	
Toluene	<0.00200	0.100	0.0975	98	0.0881	88	70-130	10	35	mg/kg	12.18.2020 14:48	
Ethylbenzene	<0.00200	0.100	0.0985	99	0.0884	88	70-130	11	35	mg/kg	12.18.2020 14:48	
m,p-Xylenes	<0.00400	0.200	0.199	100	0.178	89	70-130	11	35	mg/kg	12.18.2020 14:48	
o-Xylene	<0.00200	0.100	0.0986	99	0.0883	88	70-130	11	35	mg/kg	12.18.2020 14:48	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	95		100		101		70-130	%	12.18.2020 14:48
4-Bromofluorobenzene	107		100		96		70-130	%	12.18.2020 14:48

Analytical Method: BTEX by EPA 8021B

Seq Number: 3145065

Matrix: Soil

Prep Method: SW5035A

Date Prep: 12.15.2020

Parent Sample Id: 681056-001

MS Sample Id: 681056-001 S

MSD Sample Id: 681056-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0994	0.0698	70	0.0730	74	70-130	4	35	mg/kg	12.16.2020 03:58	
Toluene	<0.00199	0.0994	0.0780	78	0.0815	82	70-130	4	35	mg/kg	12.16.2020 03:58	
Ethylbenzene	<0.00199	0.0994	0.0792	80	0.0841	85	70-130	6	35	mg/kg	12.16.2020 03:58	
m,p-Xylenes	<0.00398	0.199	0.141	71	0.152	77	70-130	8	35	mg/kg	12.16.2020 03:58	
o-Xylene	<0.00199	0.0994	0.0698	70	0.0758	76	70-130	8	35	mg/kg	12.16.2020 03:58	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	84		83		70-130	%	12.16.2020 03:58
4-Bromofluorobenzene	94		103		70-130	%	12.16.2020 03:58

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



Tetra Tech- Midland

Domino AOJ Federal Battery

Analytical Method: BTEX by EPA 8021B

Seq Number: 3145177

Matrix: Soil

Prep Method: SW5035A

Date Prep: 12.16.2020

Parent Sample Id: 681057-015

MS Sample Id: 681057-015 S

MSD Sample Id: 681057-015 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0994	0.0819	82	0.0755	76	70-130	8	35	mg/kg	12.16.2020 14:08	
Toluene	<0.00199	0.0994	0.0785	79	0.0721	72	70-130	8	35	mg/kg	12.16.2020 14:08	
Ethylbenzene	<0.00199	0.0994	0.0877	88	0.0808	81	70-130	8	35	mg/kg	12.16.2020 14:08	
m,p-Xylenes	<0.00398	0.199	0.172	86	0.158	79	70-130	8	35	mg/kg	12.16.2020 14:08	
o-Xylene	<0.00199	0.0994	0.0860	87	0.0791	79	70-130	8	35	mg/kg	12.16.2020 14:08	

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	103		103		70-130	%	12.16.2020 14:08
4-Bromofluorobenzene	99		97		70-130	%	12.16.2020 14:08

Analytical Method: BTEX by EPA 8021B

Seq Number: 3145283

Matrix: Soil

Prep Method: SW5035A

Date Prep: 12.17.2020

Parent Sample Id: 681057-025

MS Sample Id: 681057-025 S

MSD Sample Id: 681057-025 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	0.0652	65	0.0700	70	70-130	7	35	mg/kg	12.17.2020 16:08	X
Toluene	<0.00200	0.100	0.0622	62	0.0671	67	70-130	8	35	mg/kg	12.17.2020 16:08	X
Ethylbenzene	<0.00200	0.100	0.0694	69	0.0755	76	70-130	8	35	mg/kg	12.17.2020 16:08	X
m,p-Xylenes	<0.00400	0.200	0.137	69	0.148	74	70-130	8	35	mg/kg	12.17.2020 16:08	X
o-Xylene	<0.00200	0.100	0.0708	71	0.0756	76	70-130	7	35	mg/kg	12.17.2020 16:08	

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	103		103		70-130	%	12.17.2020 16:08
4-Bromofluorobenzene	109		105		70-130	%	12.17.2020 16:08

Analytical Method: BTEX by EPA 8021B

Seq Number: 3145446

Matrix: Soil

Prep Method: SW5035A

Date Prep: 12.18.2020

Parent Sample Id: 681057-044

MS Sample Id: 681057-044 S

MSD Sample Id: 681057-044 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	0.100	99	0.00965	10	70-130	165	35	mg/kg	12.18.2020 15:29	XF
Toluene	<0.00202	0.101	0.114	113	0.0150	15	70-130	153	35	mg/kg	12.18.2020 15:29	XF
Ethylbenzene	<0.00202	0.101	0.129	128	0.0268	27	70-130	131	35	mg/kg	12.18.2020 15:29	XF
m,p-Xylenes	<0.00403	0.202	0.266	132	0.0511	26	70-130	136	35	mg/kg	12.18.2020 15:29	XF
o-Xylene	<0.00202	0.101	0.127	126	0.0329	33	70-130	118	35	mg/kg	12.18.2020 15:29	XF

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	86		98		70-130	%	12.18.2020 15:29
4-Bromofluorobenzene	109		104		70-130	%	12.18.2020 15:29

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



Tetra Tech, Inc.

901 West Wall, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG Site Manager: Mike Carmona

Project Name: Domino AOJ Federal Battery

Project Location: Eddy County, NM

Project #: 212C-MD-02362

Invoice to:

Receiving Laboratory: EOG Todd Wells

Sampler Signature: Mike and Conner

Comments:

SAMPLE IDENTIFICATION

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD				# CONTAINERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Requested by: Mike Carmona

Date: 12/15/2020

Requested by: Mike Carmona

Received by: Mike Carmona

Date: 12/15/2020

Requested by: Mike Carmona

Received by: Mike Carmona

Date: 12/15/2020

Requested by: Mike Carmona

Received by: Mike Carmona

Date: 12/15/2020

ANALYSIS REQUEST

(Circle or Specify Method No.)

BTX 8021B BTX 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

Hold

LAB USE ONLY

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

1.5

Sample Temperature

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY



Tetra Tech, Inc.

901 West Wall, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG Site Manager: Mike Carmona

Project Name: Domino AOJ Federal Battery

Project Location: Eddy County, NM Project #: 212C-MD-02362

Invoice to: EOG Todd Wells

Receiving Laboratory: Xenco Sampler Signature: Mike and Conner

Comments:

16:27 AM

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD					# CONTAINERS															Hold																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Requisitioned by: *Mike Carmona* Date: 12/15/2020 Time: *9:38*

Received by: *Mike* Date: 12/15/2020 Time: *9:38*

Requisitioned by: Date: Time:

Received by: Date: Time:

Sample Temperature: *1.5*

LAB USE ONLY

REMARKS:

☐ STANDARD

☒ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle or Specify Method No.)

ANALYSIS REQUEST

481057

Hold

ORIGINAL COPY



Tetra Tech, Inc.

901 West Wall, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG Site Manager: Mike Carmona

Project Name: Domino AOJ Federal Battery

Project Location: Eddy County, NM

Project #: 212C-MD-02362

Invoice to: EOG Todd Wells

Receiving Laboratory: Xenco Sampler Signature: Mike and Conner

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)	LAB USE ONLY		
		DATE	TIME	WATER	SOIL	HCL	HNO ₃				H ₂ CE	None
TEX 8021B BTEX												
PH TX1005 (Ext to C												
PH 8015M (GRO -												
AH 8270C												
Metal Metals Ag As Ba												
CLP Metals Ag As Ba												
CLP Volatiles												
CLP Semi Volatiles												
CI												
C/MS Vol. 8260B / 6												
C/MS Semi. Vol. 82												
CB's 8082 / 608												
DRM												
M (Asbestos)												
loride 300.0												
loride Sulfate												
General Water Chem												
ion/Cation Balance												
old												

Trench-4 (4')	12/14/2020		X					1	N	X
Trench-5 (0-1')	12/14/2020		X					1	N	X
Trench-5 (1')	12/14/2020		X					1	N	X
Trench-5 (2')	12/14/2020		X					1	N	X
Trench-5 (3')	12/14/2020		X					1	N	X
Trench-5 (4')	12/14/2020		X					1	N	X
Trench-6 (0-1')	12/14/2020		X					1	N	X
Trench-6 (1')	12/14/2020		X					1	N	X
Trench-6 (2')	12/14/2020		X					1	N	X
Trench-6 (3')	12/14/2020		X					1	N	X

Requested by: Mike Carmona Date: 12/15/2020 Time: 12:15 PM

Received by: Date: 12/15/2020 Time: 7:37 PM

Requested by: Date: Time:

Received by: Date: Time:

(Circle or Specify Method No.)

ANALYSIS REQUEST

1081057

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

Hold

LAB USE ONLY

REMARKS:

☐ STANDARD
☒ RUSH: Same Day 24 hr 48 hr (2 hr)

☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report

1.5

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY



Tetra Tech, Inc.

901 West Wall, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG

Site Manager: Mike Carmona

Project Name: Domino AOJ Federal Battery

Project Location: Eddy County, NM

Project #:

212C-MD-02362

Invoice to: EOG Todd Wells

Receiving Laboratory: Xenco

Sampler Signature: Mike and Conner

Comments:

SAMPLE IDENTIFICATION

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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	Trench-6 (4')	12/14/2020		X			X			1 N	X	BTEX 8021B	BTE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

Requisitioned by: Mike Carmona

Date: 12/15/2020

Received by: Mike Carmona

Date: 12/15/2020

LAB USE ONLY

REMARKS:

☐ STANDARD

☒ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

Requisitioned by:

Date: Time:

Received by:

Date: Time:

1.5

Sample Temperature

☐ STANDARD

☒ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

ORIGINAL COPY

(Circle or Specify Method No.)

ANALYSIS REQUEST

1081057

Hold

901 West Wall, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-2046

Comments:

(Circle or Specify Method No.)

681657

☐ STANDARD

☒ **RUSH:** Same Day 24 hr 48 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

ORIGINAL COPY

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Date/ Time Received: 12.15.2020 09.38.00 AM

Work Order #: 681057

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	1.5
#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: 12.15.2020

Checklist reviewed by:



Jessica Kramer

Date: 12.15.2020

Certificate of Analysis Summary 683982



Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Fri 01.08.2021 13:00
Report Date: 01.13.2021 14:26
Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i> <i>Field Id:</i> <i>Depth:</i> <i>Matrix:</i> <i>Sampled:</i>	683982-001 Bottomhole-1 (1.5')	683982-002 Bottomhole-2 (1.5')	683982-003 Bottomhole-3 (1.5')	683982-004 Bottomhole-4 (1.5')	683982-005 Bottomhole-5 (1.5')	683982-006 Bottomhole-6 (1.5')
BTEX by EPA 8021B	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	01.08.2021 16:45 01.09.2021 23:13 mg/kg RL	01.08.2021 16:45 01.09.2021 23:34 mg/kg RL	01.08.2021 16:45 01.09.2021 23:54 mg/kg RL	01.11.2021 09:00 01.11.2021 14:52 mg/kg RL	01.11.2021 09:00 01.11.2021 15:18 mg/kg RL	01.08.2021 16:45 01.10.2021 00:55 mg/kg RL
Benzene		<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200
Toluene		<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200
Ethylbenzene		<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200
m,p-Xylenes		<0.00400 0.00400	<0.00398 0.00398	<0.00397 0.00397	<0.00400 0.00400	<0.00400 0.00400	<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
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	01.09.2021 09:30 01.09.2021 12:57 mg/kg RL	01.09.2021 09:30 01.09.2021 13:02 mg/kg RL	01.09.2021 09:30 01.09.2021 13:40 mg/kg RL	01.09.2021 09:30 01.09.2021 13:46 mg/kg RL	01.09.2021 09:30 01.09.2021 13:51 mg/kg RL	01.09.2021 09:30 01.09.2021 13:56 mg/kg RL
Chloride		16.1 5.04	9.07 4.97	11.1 4.99	17.7 4.95	9.49 5.02	18.6 4.98
TPH By SW8015 Mod	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	01.09.2021 10:00 01.09.2021 14:13 mg/kg RL	01.09.2021 10:00 01.09.2021 15:17 mg/kg RL	01.09.2021 10:00 01.09.2021 15:39 mg/kg RL	01.09.2021 10:00 01.09.2021 16:00 mg/kg RL	01.09.2021 10:00 01.09.2021 16:22 mg/kg RL	01.09.2021 10:00 01.09.2021 16:44 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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Certificate of Analysis Summary 683982



Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Fri 01.08.2021 13:00
Report Date: 01.13.2021 14:26
Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i> <i>Field Id:</i> <i>Depth:</i> <i>Matrix:</i> <i>Sampled:</i>	683982-007 Bottomhole-7 (1.5')	683982-008 Bottomhole-8 (1.5')	683982-009 Bottomhole-9(1.5')	683982-010 Bottomhole-10 (1.5')	683982-011 Bottomhole-11 (1.5')	683982-012 Bottomhole-12 (1.5')
BTEX by EPA 8021B	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	01.08.2021 16:45 01.10.2021 01:16 mg/kg RL	01.08.2021 16:45 01.10.2021 01:36 mg/kg RL	01.08.2021 16:45 01.10.2021 01:57 mg/kg RL	01.11.2021 09:00 01.11.2021 15:43 mg/kg RL	01.08.2021 16:45 01.10.2021 03:39 mg/kg RL	01.08.2021 16:45 01.10.2021 04:00 mg/kg RL
Benzene		<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200
Toluene		<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200
Ethylbenzene		<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200
m,p-Xylenes		<0.00399 0.00399	<0.00402 0.00402	<0.00403 0.00403	<0.00400 0.00400	<0.00397 0.00397	<0.00400 0.00400
o-Xylene		<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200
Total Xylenes		<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200
Total BTEX		<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	01.09.2021 09:30 01.09.2021 14:01 mg/kg RL	01.09.2021 09:30 01.09.2021 14:06 mg/kg RL	01.09.2021 09:30 01.09.2021 14:11 mg/kg RL	01.09.2021 10:15 01.09.2021 10:47 mg/kg RL	01.09.2021 10:15 01.09.2021 11:03 mg/kg RL	01.09.2021 10:15 01.09.2021 11:08 mg/kg RL
Chloride		15.3 4.99	22.1 5.00	<5.00 5.00	12.3 4.98	34.1 4.96	26.7 5.04
TPH By SW8015 Mod	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	01.09.2021 10:00 01.09.2021 17:05 mg/kg RL	01.09.2021 10:00 01.09.2021 17:27 mg/kg RL	01.09.2021 10:00 01.09.2021 17:49 mg/kg RL	01.09.2021 10:00 01.09.2021 18:10 mg/kg RL	01.09.2021 10:00 01.09.2021 18:54 mg/kg RL	01.09.2021 10:00 01.09.2021 19:15 mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<49.8 49.8	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9
Diesel Range Organics (DRO)		<49.8 49.8	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9
Motor Oil Range Hydrocarbons (MRO)		<49.8 49.8	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9
Total TPH		<49.8 49.8	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9

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Certificate of Analysis Summary 683982



Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Fri 01.08.2021 13:00
Report Date: 01.13.2021 14:26
Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i> <i>Field Id:</i> <i>Depth:</i> <i>Matrix:</i> <i>Sampled:</i>	683982-013 Bottomhole-13 (1.5') SOIL 01.05.2021 00:00	683982-014 Bottomhole-14 (1.5') SOIL 01.05.2021 00:00	683982-015 Bottomhole-15 (1.5') SOIL 01.05.2021 00:00	683982-016 Bottomhole-16 (1.5') SOIL 01.05.2021 00:00	683982-017 Bottomhole-17 (2') SOIL 01.05.2021 00:00	683982-018 Bottomhole-18 (2') SOIL 01.05.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	01.08.2021 16:45 01.10.2021 04:20 mg/kg RL	01.08.2021 16:45 01.10.2021 04:41 mg/kg RL	01.08.2021 16:45 01.10.2021 05:01 mg/kg RL	01.08.2021 16:45 01.10.2021 05:21 mg/kg RL	01.08.2021 16:45 01.10.2021 05:42 mg/kg RL	01.08.2021 16:45 01.10.2021 06:02 mg/kg RL
Benzene		<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200
Toluene		<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200
Ethylbenzene		<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200
m,p-Xylenes		<0.00396 0.00396	<0.00398 0.00398	<0.00398 0.00398	<0.00397 0.00397	<0.00399 0.00399	<0.00399 0.00399
o-Xylene		<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200
Total Xylenes		<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200
Total BTEX		<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	01.09.2021 10:15 01.09.2021 11:14 mg/kg RL	01.09.2021 10:15 01.09.2021 11:19 mg/kg RL	01.09.2021 10:15 01.09.2021 11:35 mg/kg RL	01.09.2021 10:15 01.09.2021 11:40 mg/kg RL	01.09.2021 10:15 01.09.2021 11:45 mg/kg RL	01.09.2021 10:15 01.09.2021 11:50 mg/kg RL
Chloride		28.1 5.00	24.7 4.98	22.9 5.05	24.6 5.05	30.2 5.00	28.6 4.95
TPH By SW8015 Mod	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	01.09.2021 10:00 01.09.2021 19:37 mg/kg RL	01.09.2021 10:00 01.09.2021 19:59 mg/kg RL	01.09.2021 10:00 01.09.2021 20:21 mg/kg RL	01.09.2021 10:00 01.09.2021 20:42 mg/kg RL	01.09.2021 10:00 01.09.2021 21:04 mg/kg RL	01.09.2021 10:00 01.09.2021 21:26 mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<49.8 49.8	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0
Diesel Range Organics (DRO)		<50.0 50.0	<49.8 49.8	<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	<49.8 49.8	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0
Total TPH		<50.0 50.0	<49.8 49.8	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0

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Certificate of Analysis Summary 683982



Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Fri 01.08.2021 13:00
Report Date: 01.13.2021 14:26
Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	683982-019	683982-020	683982-021	683982-022	683982-023	683982-024
	<i>Field Id:</i>	Bottomhole-19 (2')	Bottomhole-20 (2')	Bottomhole-21(2')	Bottomhole-22 (2')	Bottomhole-23 (2')	Bottomhole-24 (2')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	01.08.2021 16:45	01.08.2021 16:45	01.08.2021 16:15	01.08.2021 16:15	01.08.2021 16:15	01.08.2021 16:15
	<i>Analyzed:</i>	01.10.2021 06:23	01.10.2021 06:43	01.10.2021 07:23	01.10.2021 07:49	01.10.2021 08:15	01.10.2021 08:41
	<i>Units/RL:</i>	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	<0.00198 0.00198	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Toluene		<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Ethylbenzene		<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
m,p-Xylenes		<0.00402 0.00402	<0.00398 0.00398	<0.00396 0.00396	<0.00400 0.00400	<0.00397 0.00397	<0.00398 0.00398
o-Xylene		<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Total Xylenes		<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Total BTEX		<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	01.09.2021 10:15	01.09.2021 10:15	01.09.2021 10:15	01.09.2021 10:15	01.09.2021 10:15	01.09.2021 10:15
	<i>Analyzed:</i>	01.09.2021 11:55	01.09.2021 12:01	01.09.2021 12:16	01.09.2021 12:21	01.09.2021 12:37	01.09.2021 12:42
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		23.2 5.03	28.8 4.98	26.3 5.04	24.4 5.02	26.4 5.05	26.1 5.05
TPH By SW8015 Mod	<i>Extracted:</i>	01.09.2021 10:00	01.09.2021 10:00	01.09.2021 11:00	01.09.2021 11:00	01.09.2021 11:00	01.09.2021 11:00
	<i>Analyzed:</i>	01.09.2021 21:48	01.09.2021 22:10	01.09.2021 23:58	01.10.2021 01:01	01.10.2021 01:22	01.10.2021 01:43
	<i>Units/RL:</i>	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	<49.9 49.9	<49.8 49.8
Diesel Range Organics (DRO)		<49.9 49.9	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8
Motor Oil Range Hydrocarbons (MRO)		<49.9 49.9	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8
Total TPH		<49.9 49.9	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8

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Certificate of Analysis Summary 683982



Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Fri 01.08.2021 13:00
Report Date: 01.13.2021 14:26
Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	683982-025	683982-026	683982-027	683982-028	683982-029	683982-030
	<i>Field Id:</i>	Bottomhole-25 (2')	Bottomhole-26 (2')	Bottomhole-27 (2')	Bottomhole-28 (2')	Bottomhole-29 (2')	Bottomhole-30 (2')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	01.08.2021 16:15	01.08.2021 16:15	01.08.2021 16:15	01.08.2021 16:15	01.08.2021 16:15	01.08.2021 16:15
	<i>Analyzed:</i>	01.10.2021 09:07	01.10.2021 09:33	01.10.2021 09:59	01.10.2021 10:25	01.10.2021 10:52	01.10.2021 11:18
	<i>Units/RL:</i>	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	<0.00199 0.00199	<0.00199 0.00199
Toluene		<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199
Ethylbenzene		<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199
m,p-Xylenes		<0.00400 0.00400	<0.00397 0.00397	<0.00398 0.00398	<0.00398 0.00398	<0.00398 0.00398	<0.00398 0.00398
o-Xylene		<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199
Total Xylenes		<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199
Total BTEX		<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	01.09.2021 10:15	01.09.2021 10:15	01.09.2021 10:15	01.09.2021 10:15	01.09.2021 10:15	01.09.2021 10:45
	<i>Analyzed:</i>	01.09.2021 12:48	01.09.2021 12:53	01.09.2021 12:58	01.09.2021 13:03	01.09.2021 13:08	01.09.2021 13:40
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		24.8 5.05	24.9 4.98	23.2 5.00	24.1 5.00	80.5 5.00	81.1 5.00
TPH By SW8015 Mod	<i>Extracted:</i>	01.09.2021 11:00	01.09.2021 11:00	01.09.2021 11:00	01.09.2021 11:00	01.09.2021 11:00	01.09.2021 11:00
	<i>Analyzed:</i>	01.10.2021 02:04	01.10.2021 02:25	01.10.2021 02:47	01.10.2021 03:08	01.10.2021 03:30	01.10.2021 03:51
	<i>Units/RL:</i>	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	<49.9 49.9
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.9 49.9	<50.0 50.0	<49.9 49.9
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	<49.9 49.9
Total TPH		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.9 49.9	<50.0 50.0	<49.9 49.9

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Certificate of Analysis Summary 683982



Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Fri 01.08.2021 13:00
Report Date: 01.13.2021 14:26
Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	683982-031	683982-032	683982-033	683982-034	683982-035	683982-036
	<i>Field Id:</i>	Bottomhole-31 (2')	Bottomhole-32 (2')	Bottomhole-33 (2')	Bottomhole-34 (2.5')	Bottomhole-35 (2.5')	Bottomhole-36 (2.5')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	01.08.2021 16:15	01.08.2021 16:15	01.08.2021 16:15	01.08.2021 16:15	01.08.2021 16:15	01.08.2021 16:15
	<i>Analyzed:</i>	01.10.2021 13:02	01.10.2021 13:28	01.10.2021 13:54	01.10.2021 14:20	01.10.2021 14:46	01.10.2021 15:12
	<i>Units/RL:</i>	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	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200
Toluene		<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200
Ethylbenzene		<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200
m,p-Xylenes		<0.00397 0.00397	<0.00400 0.00400	<0.00399 0.00399	<0.00401 0.00401	<0.00396 0.00396	<0.00399 0.00399
o-Xylene		<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200
Total Xylenes		<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200
Total BTEX		<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	01.09.2021 10:45	01.09.2021 10:45	01.09.2021 10:45	01.09.2021 10:45	01.09.2021 10:45	01.09.2021 10:45
	<i>Analyzed:</i>	01.09.2021 13:56	01.09.2021 14:01	01.09.2021 14:06	01.09.2021 14:11	01.09.2021 14:27	01.09.2021 14:32
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		83.9 5.03	80.0 4.99	80.4 4.96	22.6 5.05	52.3 5.05	50.6 5.05
TPH By SW8015 Mod	<i>Extracted:</i>	01.09.2021 11:00	01.09.2021 11:00	01.09.2021 11:00	01.09.2021 11:00	01.09.2021 11:00	01.09.2021 11:00
	<i>Analyzed:</i>	01.10.2021 04:34	01.10.2021 04:56	01.10.2021 05:18	01.10.2021 05:39	01.10.2021 06:00	01.10.2021 06:22
	<i>Units/RL:</i>	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	<49.9 49.9	<49.9 49.9	<49.8 49.8
Diesel Range Organics (DRO)		<50.0 50.0	<49.8 49.8	<50.0 50.0	<49.9 49.9	<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	<49.9 49.9	<49.9 49.9	<49.8 49.8
Total TPH		<50.0 50.0	<49.8 49.8	<50.0 50.0	<49.9 49.9	<49.9 49.9	<49.8 49.8

BRL - Below Reporting Limit

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Certificate of Analysis Summary 683982



Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Fri 01.08.2021 13:00
Report Date: 01.13.2021 14:26
Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	683982-037	683982-038	683982-039	683982-040	683982-041	683982-042
	<i>Field Id:</i>	Bottomhole-37 (2.5')	Bottomhole-38 (2.5')	Bottomhole-39 (2.5')	Bottomhole-40 (2.5')	Bottomhole-41 (2.5')	Bottomhole-42 (2.5')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	01.08.2021 16:15	01.08.2021 16:15	01.08.2021 16:15	01.08.2021 16:15	01.08.2021 17:00	01.08.2021 17:00
	<i>Analyzed:</i>	01.10.2021 15:38	01.10.2021 16:04	01.10.2021 16:30	01.10.2021 16:56	01.09.2021 05:52	01.09.2021 06:12
	<i>Units/RL:</i>	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	<0.00198 0.00198	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198
Toluene		<0.00200 0.00200	<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198
Ethylbenzene		<0.00200 0.00200	<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198
m,p-Xylenes		<0.00400 0.00400	<0.00396 0.00396	<0.00397 0.00397	<0.00398 0.00398	<0.00396 0.00396	<0.00397 0.00397
o-Xylene		<0.00200 0.00200	<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198
Total Xylenes		<0.00200 0.00200	<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198
Total BTEX		<0.00200 0.00200	<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	01.09.2021 10:45	01.09.2021 10:45	01.09.2021 10:45	01.09.2021 10:45	01.09.2021 10:45	01.09.2021 10:45
	<i>Analyzed:</i>	01.09.2021 14:38	01.09.2021 14:43	01.09.2021 14:48	01.09.2021 14:53	01.09.2021 15:09	01.09.2021 15:14
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		54.8 4.98	55.8 5.00	49.9 5.04	43.1 4.98	10.2 4.96	11.7 5.02
TPH By SW8015 Mod	<i>Extracted:</i>	01.09.2021 11:00	01.09.2021 11:00	01.09.2021 11:00	01.09.2021 11:00	01.10.2021 09:00	01.10.2021 09:00
	<i>Analyzed:</i>	01.10.2021 06:43	01.10.2021 07:05	01.10.2021 07:27	01.10.2021 07:48	01.10.2021 13:33	01.10.2021 14:38
	<i>Units/RL:</i>	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	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0
Diesel Range Organics (DRO)		<50.0 50.0	<49.9 49.9	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<49.9 49.9	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0
Total TPH		<50.0 50.0	<49.9 49.9	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0

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Certificate of Analysis Summary 683982



Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Fri 01.08.2021 13:00
Report Date: 01.13.2021 14:26
Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i> <i>Field Id:</i> <i>Depth:</i> <i>Matrix:</i> <i>Sampled:</i>	683982-043 Bottomhole-43 (2.5')	683982-044 Bottomhole-4 (2.5')	683982-045 Bottomhole-45 (2.5')	683982-046 SW-1	683982-047 SW-2	683982-048 SW-3
BTEX by EPA 8021B	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	01.08.2021 17:00 01.09.2021 06:33 mg/kg RL	01.08.2021 17:00 01.09.2021 06:53 mg/kg RL	01.08.2021 17:00 01.09.2021 07:13 mg/kg RL	01.08.2021 17:00 01.09.2021 07:34 mg/kg RL	01.08.2021 17:00 01.09.2021 07:54 mg/kg RL	01.08.2021 17:00 01.09.2021 08:15 mg/kg RL
Benzene		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202	<0.00202 0.00202	<0.00199 0.00199
Toluene		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202	<0.00202 0.00202	<0.00199 0.00199
Ethylbenzene		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202	<0.00202 0.00202	<0.00199 0.00199
m,p-Xylenes		<0.00398 0.00398	<0.00399 0.00399	<0.00399 0.00399	<0.00404 0.00404	<0.00404 0.00404	<0.00398 0.00398
o-Xylene		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202	<0.00202 0.00202	<0.00199 0.00199
Total Xylenes		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202	<0.00202 0.00202	<0.00199 0.00199
Total BTEX		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202	<0.00202 0.00202	<0.00199 0.00199
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	01.09.2021 10:45 01.09.2021 15:30 mg/kg RL	01.09.2021 10:45 01.09.2021 15:35 mg/kg RL	01.09.2021 10:45 01.09.2021 15:40 mg/kg RL	01.09.2021 10:45 01.09.2021 15:46 mg/kg RL	01.09.2021 10:45 01.09.2021 15:51 mg/kg RL	01.09.2021 10:45 01.09.2021 15:56 mg/kg RL
Chloride		13.5 4.99	11.2 5.00	13.0 5.00	28.6 4.97	25.0 4.95	26.7 4.95
TPH By SW8015 Mod	<i>Extracted:</i> <i>Analyzed:</i> <i>Units/RL:</i>	01.10.2021 09:00 01.10.2021 15:00 mg/kg RL	01.10.2021 09:00 01.10.2021 15:22 mg/kg RL	01.10.2021 09:00 01.10.2021 15:43 mg/kg RL	01.10.2021 09:00 01.10.2021 16:05 mg/kg RL	01.10.2021 09:00 01.10.2021 16:26 mg/kg RL	01.10.2021 09:00 01.10.2021 16:48 mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<49.9 49.9	<49.8 49.8	<49.9 49.9	<49.8 49.8	<50.0 50.0	<49.8 49.8
Diesel Range Organics (DRO)		<49.9 49.9	<49.8 49.8	<49.9 49.9	<49.8 49.8	<50.0 50.0	<49.8 49.8
Motor Oil Range Hydrocarbons (MRO)		<49.9 49.9	<49.8 49.8	<49.9 49.9	<49.8 49.8	<50.0 50.0	<49.8 49.8
Total TPH		<49.9 49.9	<49.8 49.8	<49.9 49.9	<49.8 49.8	<50.0 50.0	<49.8 49.8

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Certificate of Analysis Summary 683982



Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Fri 01.08.2021 13:00
Report Date: 01.13.2021 14:26
Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	683982-049	683982-050	683982-051	683982-052	683982-053	683982-054
	<i>Field Id:</i>	SW-4	SW-5	SW-6	SW-7	SW-8	SW-9
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	01.08.2021 17:00	01.08.2021 17:00	01.08.2021 16:30	01.08.2021 16:30	01.08.2021 16:30	01.08.2021 16:30
	<i>Analyzed:</i>	01.09.2021 08:35	01.09.2021 08:56	01.09.2021 12:19	01.09.2021 12:40	01.09.2021 13:00	01.09.2021 13:20
	<i>Units/RL:</i>	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	<0.00201 0.00201	<0.00198 0.00198	<0.00200 0.00200
Toluene		<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00201 0.00201	<0.00198 0.00198	<0.00200 0.00200
Ethylbenzene		<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00201 0.00201	<0.00198 0.00198	<0.00200 0.00200
m,p-Xylenes		<0.00400 0.00400	<0.00404 0.00404	<0.00401 0.00401	<0.00402 0.00402	<0.00397 0.00397	<0.00399 0.00399
o-Xylene		<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00201 0.00201	<0.00198 0.00198	<0.00200 0.00200
Total Xylenes		<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00201 0.00201	<0.00198 0.00198	<0.00200 0.00200
Total BTEX		<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00201 0.00201	<0.00198 0.00198	<0.00200 0.00200
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	01.09.2021 10:45	01.09.2021 11:05	01.09.2021 11:05	01.09.2021 11:05	01.09.2021 11:05	01.09.2021 11:05
	<i>Analyzed:</i>	01.09.2021 16:01	01.09.2021 16:33	01.09.2021 16:48	01.09.2021 16:53	01.09.2021 16:59	01.09.2021 17:04
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		30.4 5.05	31.3 5.03	12.0 4.98	20.2 5.00	25.7 4.95	45.6 4.95
TPH By SW8015 Mod	<i>Extracted:</i>	01.10.2021 09:00	01.10.2021 09:00	01.10.2021 09:00	01.10.2021 09:00	01.10.2021 09:00	01.10.2021 09:00
	<i>Analyzed:</i>	01.10.2021 17:10	01.10.2021 17:31	01.10.2021 18:15	01.10.2021 18:36	01.10.2021 18:58	01.10.2021 19:20
	<i>Units/RL:</i>	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	<49.9 49.9	<49.8 49.8	<50.0 50.0
Diesel Range Organics (DRO)		<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0
Total TPH		<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0

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Certificate of Analysis Summary 683982



Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Fri 01.08.2021 13:00
Report Date: 01.13.2021 14:26
Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	683982-055	683982-056	683982-057	683982-058	683982-059	683982-060
	<i>Field Id:</i>	SW-10	SW-11	SW-12	SW-13	SW-14	SW-15
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	01.08.2021 16:30	01.08.2021 16:30	01.08.2021 16:30	01.08.2021 16:30	01.08.2021 16:30	01.08.2021 16:30
	<i>Analyzed:</i>	01.09.2021 13:41	01.09.2021 14:01	01.09.2021 14:22	01.09.2021 14:42	01.09.2021 15:03	01.09.2021 15:23
	<i>Units/RL:</i>	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	<0.00198 0.00198	<0.00201 0.00201	<0.00200 0.00200
Toluene		<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00201 0.00201	<0.00200 0.00200
Ethylbenzene		<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00201 0.00201	<0.00200 0.00200
m,p-Xylenes		<0.00396 0.00396	<0.00400 0.00400	<0.00400 0.00400	<0.00397 0.00397	<0.00402 0.00402	<0.00399 0.00399
o-Xylene		<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00201 0.00201	<0.00200 0.00200
Total Xylenes		<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00201 0.00201	<0.00200 0.00200
Total BTEX		<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00201 0.00201	<0.00200 0.00200
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	01.09.2021 11:05	01.09.2021 11:05	01.09.2021 11:05	01.09.2021 11:05	01.09.2021 11:05	01.09.2021 11:05
	<i>Analyzed:</i>	01.09.2021 17:20	01.09.2021 17:25	01.09.2021 17:30	01.09.2021 17:35	01.09.2021 17:41	01.09.2021 17:46
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		82.0 4.95	90.4 5.02	41.7 4.98	29.9 4.95	28.1 5.03	26.1 4.98
TPH By SW8015 Mod	<i>Extracted:</i>	01.10.2021 09:00	01.10.2021 09:00	01.10.2021 09:00	01.10.2021 09:00	01.10.2021 09:00	01.10.2021 09:00
	<i>Analyzed:</i>	01.10.2021 19:42	01.10.2021 20:03	01.10.2021 20:25	01.10.2021 20:47	01.10.2021 21:08	01.10.2021 21:30
	<i>Units/RL:</i>	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	<49.9 49.9	<50.0 50.0	<49.9 49.9
Diesel Range Organics (DRO)		<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9	<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	<49.9 49.9	<50.0 50.0	<49.9 49.9
Total TPH		<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9

BRL - Below Reporting Limit

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Certificate of Analysis Summary 683982



Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Fri 01.08.2021 13:00
Report Date: 01.13.2021 14:26
Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	683982-061	683982-062	683982-063	683982-064	683982-065	683982-066
	<i>Field Id:</i>	SW-16	SW-17	SW-18	SW-19	SW-20	SW-21
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	01.08.2021 16:30	01.08.2021 16:30	01.08.2021 16:30	01.08.2021 16:30	01.08.2021 16:30	01.08.2021 16:30
	<i>Analyzed:</i>	01.09.2021 16:46	01.09.2021 17:07	01.09.2021 17:27	01.09.2021 17:47	01.09.2021 18:08	01.09.2021 18:28
	<i>Units/RL:</i>	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	<0.00200 0.00200	<0.00199 0.00199	<0.00199 0.00199	<0.00202 0.00202
Toluene		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00199 0.00199	<0.00202 0.00202
Ethylbenzene		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00199 0.00199	<0.00202 0.00202
m,p-Xylenes		<0.00403 0.00403	<0.00401 0.00401	<0.00400 0.00400	<0.00398 0.00398	<0.00398 0.00398	<0.00403 0.00403
o-Xylene		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00199 0.00199	<0.00202 0.00202
Total Xylenes		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00199 0.00199	<0.00202 0.00202
Total BTEX		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00199 0.00199	<0.00202 0.00202
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	01.09.2021 11:05	01.09.2021 11:05	01.09.2021 11:05	01.09.2021 11:05	01.09.2021 11:05	01.09.2021 11:05
	<i>Analyzed:</i>	01.09.2021 18:01	01.09.2021 18:07	01.09.2021 18:22	01.09.2021 18:28	01.09.2021 18:33	01.09.2021 18:38
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		20.0 4.96	28.2 5.03	25.9 5.00	31.0 4.97	30.0 5.03	33.2 5.00
TPH By SW8015 Mod	<i>Extracted:</i>	01.10.2021 09:00	01.10.2021 09:00	01.10.2021 09:00	01.10.2021 09:00	01.10.2021 09:00	01.10.2021 09:00
	<i>Analyzed:</i>	01.10.2021 12:46	01.10.2021 13:43	01.10.2021 14:02	01.10.2021 14:20	01.10.2021 14:39	01.10.2021 14:58
	<i>Units/RL:</i>	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

BRL - Below Reporting Limit

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

Certificate of Analysis Summary 683982



Tetra Tech- Midland, Midland, TX

Project Name: Domino 3rd Party Dump

Project Id: 212C-MD-02362
Contact: Mike Carmona
Project Location: Eddy County, New Mexico

Date Received in Lab: Fri 01.08.2021 13:00
Report Date: 01.13.2021 14:26
Project Manager: Jessica Kramer

Analysis Requested	Lab Id:	683982-067	683982-068	683982-069	683982-070		
	Field Id:	SW-22	SW-23	SW-24	SW-25		
	Depth:						
	Matrix:	SOIL	SOIL	SOIL	SOIL		
	Sampled:	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00	01.05.2021 00:00		
BTEX by EPA 8021B	Extracted:	01.08.2021 16:30	01.08.2021 16:30	01.08.2021 16:30	01.08.2021 16:30		
	Analyzed:	01.09.2021 18:49	01.09.2021 19:09	01.09.2021 19:30	01.09.2021 19:50		
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Benzene		<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200		
Toluene		<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200		
Ethylbenzene		<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200		
m,p-Xylenes		<0.00399 0.00399	<0.00396 0.00396	<0.00400 0.00400	<0.00400 0.00400		
o-Xylene		<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200		
Total Xylenes		<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200		
Total BTEX		<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200		
Inorganic Anions by EPA 300/300.1	Extracted:	01.09.2021 11:05	01.09.2021 11:05	01.09.2021 11:05	01.09.2021 12:45		
	Analyzed:	01.09.2021 18:43	01.09.2021 18:48	01.09.2021 18:54	01.09.2021 19:25		
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Chloride		33.8 5.00	34.8 5.00	58.8 5.02	56.7 5.00		
TPH By SW8015 Mod	Extracted:	01.10.2021 09:00	01.10.2021 09:00	01.10.2021 09:00	01.10.2021 09:00		
	Analyzed:	01.10.2021 15:17	01.10.2021 15:36	01.10.2021 15:55	01.10.2021 16:14		
	Units/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	<49.9 49.9	<49.8 49.8		
Diesel Range Organics (DRO)		<50.0 50.0	<49.9 49.9	<49.9 49.9	<49.8 49.8		
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<49.9 49.9	<49.9 49.9	<49.8 49.8		
Total TPH		<50.0 50.0	<49.9 49.9	<49.9 49.9	<49.8 49.8		

BRL - Below Reporting Limit

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

Analytical Report 683982

for

Tetra Tech- Midland

Project Manager: Mike Carmona

Domino 3rd Party Dump

212C-MD-02362

01.13.2021

Collected By: Client



**1211 W. Florida Ave
Midland TX 79701**

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

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

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-24)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-20-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNi02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)



01.13.2021

Project Manager: **Mike Carmona**

Tetra Tech- Midland

901 West Wall ST

Midland, TX 79701

Reference: Eurofins Xenco, LLC Report No(s): **683982**

Domino 3rd Party Dump

Project Address: Eddy County, New Mexico

Mike Carmona:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 683982. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 683982 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

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

Jessica Kramer

Project Manager

A Small Business and Minority Company

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



Sample Cross Reference 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Bottomhole-1 (1.5')	S	01.05.2021 00:00		683982-001
Bottomhole-2 (1.5')	S	01.05.2021 00:00		683982-002
Bottomhole-3 (1.5')	S	01.05.2021 00:00		683982-003
Bottomhole-4 (1.5')	S	01.05.2021 00:00		683982-004
Bottomhole-5 (1.5')	S	01.05.2021 00:00		683982-005
Bottomhole-6 (1.5')	S	01.05.2021 00:00		683982-006
Bottomhole-7 (1.5')	S	01.05.2021 00:00		683982-007
Bottomhole-8 (1.5')	S	01.05.2021 00:00		683982-008
Bottomhole-9(1.5')	S	01.05.2021 00:00		683982-009
Bottomhole-10 (1.5')	S	01.05.2021 00:00		683982-010
Bottomhole-11 (1.5')	S	01.05.2021 00:00		683982-011
Bottomhole-12 (1.5')	S	01.05.2021 00:00		683982-012
Bottomhole-13 (1.5')	S	01.05.2021 00:00		683982-013
Bottomhole-14 (1.5')	S	01.05.2021 00:00		683982-014
Bottomhole-15 (1.5')	S	01.05.2021 00:00		683982-015
Bottomhole-16 (1.5')	S	01.05.2021 00:00		683982-016
Bottomhole-17 (2')	S	01.05.2021 00:00		683982-017
Bottomhole-18 (2')	S	01.05.2021 00:00		683982-018
Bottomhole-19 (2')	S	01.05.2021 00:00		683982-019
Bottomhole-20 (2')	S	01.05.2021 00:00		683982-020
Bottomhole-21(2')	S	01.05.2021 00:00		683982-021
Bottomhole-22 (2')	S	01.05.2021 00:00		683982-022
Bottomhole-23 (2')	S	01.05.2021 00:00		683982-023
Bottomhole-24 (2')	S	01.05.2021 00:00		683982-024
Bottomhole-25 (2')	S	01.05.2021 00:00		683982-025
Bottomhole-26 (2')	S	01.05.2021 00:00		683982-026
Bottomhole-27 (2')	S	01.05.2021 00:00		683982-027
Bottomhole-28 (2')	S	01.05.2021 00:00		683982-028
Bottomhole-29 (2')	S	01.05.2021 00:00		683982-029
Bottomhole-30 (2')	S	01.05.2021 00:00		683982-030
Bottomhole-31 (2')	S	01.05.2021 00:00		683982-031
Bottomhole-32 (2')	S	01.05.2021 00:00		683982-032
Bottomhole-33 (2')	S	01.05.2021 00:00		683982-033
Bottomhole-34 (2.5')	S	01.05.2021 00:00		683982-034
Bottomhole-35 (2.5')	S	01.05.2021 00:00		683982-035
Bottomhole-36 (2.5')	S	01.05.2021 00:00		683982-036
Bottomhole-37 (2.5')	S	01.05.2021 00:00		683982-037
Bottomhole-38 (2.5')	S	01.05.2021 00:00		683982-038
Bottomhole-39 (2.5')	S	01.05.2021 00:00		683982-039
Bottomhole-40 (2.5')	S	01.05.2021 00:00		683982-040
Bottomhole-41 (2.5')	S	01.05.2021 00:00		683982-041
Bottomhole-42 (2.5')	S	01.05.2021 00:00		683982-042
Bottomhole-43 (2.5')	S	01.05.2021 00:00		683982-043

**Sample Cross Reference 683982****Tetra Tech- Midland, Midland, TX**

Domino 3rd Party Dump

Bottomhole-4 (2.5')	S	01.05.2021 00:00	683982-044
Bottomhole-45 (2.5')	S	01.05.2021 00:00	683982-045
SW-1	S	01.05.2021 00:00	683982-046
SW-2	S	01.05.2021 00:00	683982-047
SW-3	S	01.05.2021 00:00	683982-048
SW-4	S	01.05.2021 00:00	683982-049
SW-5	S	01.05.2021 00:00	683982-050
SW-6	S	01.05.2021 00:00	683982-051
SW-7	S	01.05.2021 00:00	683982-052
SW-8	S	01.05.2021 00:00	683982-053
SW-9	S	01.05.2021 00:00	683982-054
SW-10	S	01.05.2021 00:00	683982-055
SW-11	S	01.05.2021 00:00	683982-056
SW-12	S	01.05.2021 00:00	683982-057
SW-13	S	01.05.2021 00:00	683982-058
SW-14	S	01.05.2021 00:00	683982-059
SW-15	S	01.05.2021 00:00	683982-060
SW-16	S	01.05.2021 00:00	683982-061
SW-17	S	01.05.2021 00:00	683982-062
SW-18	S	01.05.2021 00:00	683982-063
SW-19	S	01.05.2021 00:00	683982-064
SW-20	S	01.05.2021 00:00	683982-065
SW-21	S	01.05.2021 00:00	683982-066
SW-22	S	01.05.2021 00:00	683982-067
SW-23	S	01.05.2021 00:00	683982-068
SW-24	S	01.05.2021 00:00	683982-069
SW-25	S	01.05.2021 00:00	683982-070

**CASE NARRATIVE****Client Name: Tetra Tech- Midland****Project Name: Domino 3rd Party Dump**Project ID: 212C-MD-02362
Work Order Number(s): 683982Report Date: 01.13.2021
Date Received: 01.08.2021**Sample receipt non conformances and comments:****Sample receipt non conformances and comments per sample:**

None

Analytical non conformances and comments:

Batch: LBA-3147311 BTEX by EPA 8021B

Lab Sample ID 683982-021 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: 683982-021, -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.

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: 683982-021, -022, -023, -024, -025, -026, -027, -028, -029, -030, -031, -032, -033, -034, -035, -036, -037, -038, -039, -040

Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected. Samples affected are: 683982-039, 683982-037.

Batch: LBA-3147312 BTEX by EPA 8021B

Lab Sample ID 683982-051 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: 683982-051, -052, -053, -054, -055, -056, -057, -058, -059, -060, -061, -062, -063, -064, -065, -066, -067, -068, -069, -070.

The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

**CASE NARRATIVE****Client Name: Tetra Tech- Midland****Project Name: Domino 3rd Party Dump**Project ID: 212C-MD-02362
Work Order Number(s): 683982Report Date: 01.13.2021
Date Received: 01.08.2021

Batch: LBA-3147313 BTEX by EPA 8021B

Surrogate 4-Bromofluorobenzene recovered below QC limits. Matrix interferences is suspected.

Samples affected are: 683982-002,683982-003,683982-007,683982-009,683982-020,683982-012,683982-013,683982-019,683982-011.

Lab Sample ID 683982-001 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 and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 683982-001, -002, -003, -006, -007, -008, -009, -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.

Batch: LBA-3147458 BTEX by EPA 8021B

Lab Sample ID 683982-004 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. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 683982-004, -005, -010.

The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

Toluene, o-Xylene Relative Percent Difference (RPD) between matrix spike and duplicate were above quality control limits.

Samples in the analytical batch are: 683982-004, -005, -010



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-1 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-001

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 09:30

% Moisture:

Seq Number: 3147334

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	16.1	5.04	mg/kg	01.09.2021 12:57		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 10:00

% Moisture:

Seq Number: 3147384

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.09.2021 14:13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.09.2021 14:13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.09.2021 14:13	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.09.2021 14:13	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	99	%	70-130	01.09.2021 14:13		
o-Terphenyl	84-15-1	104	%	70-130	01.09.2021 14:13		



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-1 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-001

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.09.2021 23:13	UX	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.09.2021 23:13	UX	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.09.2021 23:13	UX	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.09.2021 23:13	UX	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.09.2021 23:13	UX	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.09.2021 23:13	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.09.2021 23:13	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	77	%	70-130	01.09.2021 23:13		
1,4-Difluorobenzene	540-36-3	118	%	70-130	01.09.2021 23:13		



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-2 (1.5')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-002 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 09:30 % Moisture:
 Seq Number: 3147334 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.07	4.97	mg/kg	01.09.2021 13:02		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 10:00 % Moisture:
 Seq Number: 3147384 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	01.09.2021 15:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	01.09.2021 15:17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	01.09.2021 15:17	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	01.09.2021 15:17	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	107	%	70-130	01.09.2021 15:17		
o-Terphenyl	84-15-1	108	%	70-130	01.09.2021 15:17		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-2 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-002

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.09.2021 23:34	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	01.09.2021 23:34	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	01.09.2021 23:34	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	01.09.2021 23:34	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	01.09.2021 23:34	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	01.09.2021 23:34	U	1
Total BTEX		<0.00199	0.00199	mg/kg	01.09.2021 23:34	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	126	%	70-130	01.09.2021 23:34		
4-Bromofluorobenzene	460-00-4	57	%	70-130	01.09.2021 23:34	**	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-3 (1.5')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-003 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 09:30 % Moisture:
 Seq Number: 3147334 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.1	4.99	mg/kg	01.09.2021 13:40		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 10:00 % Moisture:
 Seq Number: 3147384 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.09.2021 15:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.09.2021 15:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.09.2021 15:39	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.09.2021 15:39	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	102	%	70-130	01.09.2021 15:39		
o-Terphenyl	84-15-1	104	%	70-130	01.09.2021 15:39		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-3 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-003

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.09.2021 23:54	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.09.2021 23:54	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.09.2021 23:54	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	01.09.2021 23:54	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.09.2021 23:54	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.09.2021 23:54	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.09.2021 23:54	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	61	%	70-130	01.09.2021 23:54	**	
1,4-Difluorobenzene	540-36-3	111	%	70-130	01.09.2021 23:54		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-4 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-004

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 09:30

% Moisture:

Seq Number: 3147334

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	17.7	4.95	mg/kg	01.09.2021 13:46		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 10:00

% Moisture:

Seq Number: 3147384

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.09.2021 16:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.09.2021 16:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.09.2021 16:00	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.09.2021 16:00	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	101	%	70-130	01.09.2021 16:00		
o-Terphenyl	84-15-1	106	%	70-130	01.09.2021 16:00		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-4 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-004

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 01.11.2021 09:00

% Moisture:

Seq Number: 3147458

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.11.2021 14:52	UX	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.11.2021 14:52	UXF	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.11.2021 14:52	UX	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.11.2021 14:52	UX	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.11.2021 14:52	UFX	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.11.2021 14:52	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.11.2021 14:52	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	112	%	70-130	01.11.2021 14:52		
1,4-Difluorobenzene	540-36-3	110	%	70-130	01.11.2021 14:52		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-5 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-005

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 09:30

% Moisture:

Seq Number: 3147334

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.49	5.02	mg/kg	01.09.2021 13:51		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 10:00

% Moisture:

Seq Number: 3147384

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.09.2021 16:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.09.2021 16:22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.09.2021 16:22	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.09.2021 16:22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	01.09.2021 16:22	
o-Terphenyl	84-15-1	97	%	70-130	01.09.2021 16:22	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-5 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-005

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 01.11.2021 09:00

% Moisture:

Seq Number: 3147458

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.11.2021 15:18	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.11.2021 15:18	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.11.2021 15:18	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.11.2021 15:18	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.11.2021 15:18	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.11.2021 15:18	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.11.2021 15:18	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	116	%	70-130	01.11.2021 15:18		
1,4-Difluorobenzene	540-36-3	104	%	70-130	01.11.2021 15:18		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-6 (1.5')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-006 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 09:30 % Moisture:
 Seq Number: 3147334 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	18.6	4.98	mg/kg	01.09.2021 13:56		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 10:00 % Moisture:
 Seq Number: 3147384 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.09.2021 16:44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.09.2021 16:44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.09.2021 16:44	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.09.2021 16:44	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	86	%	70-130	01.09.2021 16:44		
o-Terphenyl	84-15-1	91	%	70-130	01.09.2021 16:44		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-6 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-006

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.10.2021 00:55	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.10.2021 00:55	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.10.2021 00:55	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.10.2021 00:55	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.10.2021 00:55	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.10.2021 00:55	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.10.2021 00:55	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	83	%	70-130	01.10.2021 00:55		
4-Bromofluorobenzene	460-00-4	114	%	70-130	01.10.2021 00:55		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-7 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-007

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 09:30

% Moisture:

Seq Number: 3147334

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	15.3	4.99	mg/kg	01.09.2021 14:01		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 10:00

% Moisture:

Seq Number: 3147384

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	01.09.2021 17:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	01.09.2021 17:05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	01.09.2021 17:05	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	01.09.2021 17:05	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	96	%	70-130	01.09.2021 17:05		
o-Terphenyl	84-15-1	103	%	70-130	01.09.2021 17:05		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-7 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-007

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.10.2021 01:16	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.10.2021 01:16	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.10.2021 01:16	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	01.10.2021 01:16	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.10.2021 01:16	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.10.2021 01:16	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.10.2021 01:16	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	54	%	70-130	01.10.2021 01:16	**	
1,4-Difluorobenzene	540-36-3	98	%	70-130	01.10.2021 01:16		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-8 (1.5')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-008 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 09:30 % Moisture:
 Seq Number: 3147334 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	22.1	5.00	mg/kg	01.09.2021 14:06		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 10:00 % Moisture:
 Seq Number: 3147384 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.09.2021 17:27	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.09.2021 17:27	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.09.2021 17:27	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.09.2021 17:27	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	94	%	70-130	01.09.2021 17:27		
o-Terphenyl	84-15-1	100	%	70-130	01.09.2021 17:27		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-8 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-008

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	01.10.2021 01:36	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	01.10.2021 01:36	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	01.10.2021 01:36	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	01.10.2021 01:36	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	01.10.2021 01:36	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	01.10.2021 01:36	U	1
Total BTEX		<0.00201	0.00201	mg/kg	01.10.2021 01:36	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	73	%	70-130	01.10.2021 01:36		
1,4-Difluorobenzene	540-36-3	85	%	70-130	01.10.2021 01:36		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-9(1.5')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-009 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 09:30 % Moisture:
 Seq Number: 3147334 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	01.09.2021 14:11	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 10:00 % Moisture:
 Seq Number: 3147384 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.09.2021 17:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.09.2021 17:49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.09.2021 17:49	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.09.2021 17:49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-130	01.09.2021 17:49	
o-Terphenyl	84-15-1	98	%	70-130	01.09.2021 17:49	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-9(1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-009

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	01.10.2021 01:57	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	01.10.2021 01:57	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	01.10.2021 01:57	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	01.10.2021 01:57	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	01.10.2021 01:57	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	01.10.2021 01:57	U	1
Total BTEX		<0.00202	0.00202	mg/kg	01.10.2021 01:57	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	78	%	70-130	01.10.2021 01:57		
4-Bromofluorobenzene	460-00-4	47	%	70-130	01.10.2021 01:57	**	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-10 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-010

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:15

% Moisture:

Seq Number: 3147320

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	12.3	4.98	mg/kg	01.09.2021 10:47		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 10:00

% Moisture:

Seq Number: 3147384

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.09.2021 18:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.09.2021 18:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.09.2021 18:10	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.09.2021 18:10	U	1

Surrogate

1-Chlorooctane

Cas Number 111-85-3

% Recovery 96

Units %

Limits 70-130

Analysis Date 01.09.2021 18:10

Flag

o-Terphenyl

Cas Number 84-15-1

% Recovery 102

Units %

Limits 70-130

Analysis Date 01.09.2021 18:10



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-10 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-010

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 01.11.2021 09:00

% Moisture:

Seq Number: 3147458

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.11.2021 15:43	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.11.2021 15:43	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.11.2021 15:43	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.11.2021 15:43	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.11.2021 15:43	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.11.2021 15:43	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.11.2021 15:43	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	126	%	70-130	01.11.2021 15:43		
1,4-Difluorobenzene	540-36-3	109	%	70-130	01.11.2021 15:43		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-11 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-011

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:15

% Moisture:

Seq Number: 3147320

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	34.1	4.96	mg/kg	01.09.2021 11:03		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 10:00

% Moisture:

Seq Number: 3147384

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.09.2021 18:54	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.09.2021 18:54	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.09.2021 18:54	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.09.2021 18:54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-130	01.09.2021 18:54	
o-Terphenyl	84-15-1	97	%	70-130	01.09.2021 18:54	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-11 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-011

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.10.2021 03:39	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.10.2021 03:39	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.10.2021 03:39	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	01.10.2021 03:39	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.10.2021 03:39	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.10.2021 03:39	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.10.2021 03:39	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	93	%	70-130	01.10.2021 03:39		
4-Bromofluorobenzene	460-00-4	54	%	70-130	01.10.2021 03:39	**	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-12 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-012

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:15

% Moisture:

Seq Number: 3147320

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	26.7	5.04	mg/kg	01.09.2021 11:08		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 10:00

% Moisture:

Seq Number: 3147384

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.09.2021 19:15	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.09.2021 19:15	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.09.2021 19:15	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.09.2021 19:15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	01.09.2021 19:15	
o-Terphenyl	84-15-1	98	%	70-130	01.09.2021 19:15	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-12 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-012

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.10.2021 04:00	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.10.2021 04:00	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.10.2021 04:00	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.10.2021 04:00	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.10.2021 04:00	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.10.2021 04:00	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.10.2021 04:00	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	113	%	70-130	01.10.2021 04:00		
4-Bromofluorobenzene	460-00-4	66	%	70-130	01.10.2021 04:00	**	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-13 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-013

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:15

% Moisture:

Seq Number: 3147320

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	28.1	5.00	mg/kg	01.09.2021 11:14		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 10:00

% Moisture:

Seq Number: 3147384

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.09.2021 19:37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.09.2021 19:37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.09.2021 19:37	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.09.2021 19:37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	01.09.2021 19:37	
o-Terphenyl	84-15-1	96	%	70-130	01.09.2021 19:37	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-13 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-013

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.10.2021 04:20	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.10.2021 04:20	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.10.2021 04:20	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	01.10.2021 04:20	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.10.2021 04:20	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.10.2021 04:20	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.10.2021 04:20	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	110	%	70-130	01.10.2021 04:20		
4-Bromofluorobenzene	460-00-4	60	%	70-130	01.10.2021 04:20	**	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-14 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-014

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:15

% Moisture:

Seq Number: 3147320

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	24.7	4.98	mg/kg	01.09.2021 11:19		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 10:00

% Moisture:

Seq Number: 3147384

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	01.09.2021 19:59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	01.09.2021 19:59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	01.09.2021 19:59	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	01.09.2021 19:59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-130	01.09.2021 19:59	
o-Terphenyl	84-15-1	92	%	70-130	01.09.2021 19:59	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-14 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-014

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3147313

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.10.2021 04:41	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	01.10.2021 04:41	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	01.10.2021 04:41	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	01.10.2021 04:41	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	01.10.2021 04:41	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	01.10.2021 04:41	U	1
Total BTEX		<0.00199	0.00199	mg/kg	01.10.2021 04:41	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	85	%	70-130	01.10.2021 04:41		
4-Bromofluorobenzene	460-00-4	89	%	70-130	01.10.2021 04:41		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-15 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-015

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:15

% Moisture:

Seq Number: 3147320

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	22.9	5.05	mg/kg	01.09.2021 11:35		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 10:00

% Moisture:

Seq Number: 3147384

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.09.2021 20:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.09.2021 20:21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.09.2021 20:21	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.09.2021 20:21	U	1

Surrogate

1-Chlorooctane

o-Terphenyl

Cas Number

% Recovery

Units

Limits

Analysis Date

Flag

111-85-3

95

%

70-130

01.09.2021 20:21

84-15-1

99

%

70-130

01.09.2021 20:21



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-15 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-015

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.10.2021 05:01	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	01.10.2021 05:01	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	01.10.2021 05:01	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	01.10.2021 05:01	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	01.10.2021 05:01	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	01.10.2021 05:01	U	1
Total BTEX		<0.00199	0.00199	mg/kg	01.10.2021 05:01	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	88	%	70-130	01.10.2021 05:01		
4-Bromofluorobenzene	460-00-4	104	%	70-130	01.10.2021 05:01		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-16 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-016

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:15

% Moisture:

Seq Number: 3147320

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	24.6	5.05	mg/kg	01.09.2021 11:40		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 10:00

% Moisture:

Seq Number: 3147384

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.09.2021 20:42	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.09.2021 20:42	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.09.2021 20:42	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.09.2021 20:42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	114	%	70-130	01.09.2021 20:42	
o-Terphenyl	84-15-1	115	%	70-130	01.09.2021 20:42	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-16 (1.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-016

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.10.2021 05:21	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.10.2021 05:21	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.10.2021 05:21	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	01.10.2021 05:21	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.10.2021 05:21	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.10.2021 05:21	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.10.2021 05:21	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	83	%	70-130	01.10.2021 05:21		
1,4-Difluorobenzene	540-36-3	102	%	70-130	01.10.2021 05:21		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-17 (2')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-017 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 10:15 % Moisture:
 Seq Number: 3147320 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	30.2	5.00	mg/kg	01.09.2021 11:45		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 10:00 % Moisture:
 Seq Number: 3147384 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	01.09.2021 21:04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	01.09.2021 21:04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	01.09.2021 21:04	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	01.09.2021 21:04	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	101	%	70-130	01.09.2021 21:04		
o-Terphenyl	84-15-1	102	%	70-130	01.09.2021 21:04		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-17 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-017

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.10.2021 05:42	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.10.2021 05:42	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.10.2021 05:42	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	01.10.2021 05:42	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.10.2021 05:42	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.10.2021 05:42	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.10.2021 05:42	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	107	%	70-130	01.10.2021 05:42		
1,4-Difluorobenzene	540-36-3	86	%	70-130	01.10.2021 05:42		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-18 (2')** Matrix: Soil Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-018 Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:15

% Moisture:

Seq Number: 3147320

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	28.6	4.95	mg/kg	01.09.2021 11:50		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 10:00

% Moisture:

Seq Number: 3147384

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.09.2021 21:26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.09.2021 21:26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.09.2021 21:26	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.09.2021 21:26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	01.09.2021 21:26	
o-Terphenyl	84-15-1	107	%	70-130	01.09.2021 21:26	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-18 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-018

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.10.2021 06:02	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.10.2021 06:02	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.10.2021 06:02	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	01.10.2021 06:02	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.10.2021 06:02	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.10.2021 06:02	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.10.2021 06:02	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	93	%	70-130	01.10.2021 06:02		
4-Bromofluorobenzene	460-00-4	113	%	70-130	01.10.2021 06:02		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-19 (2')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-019 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 10:15 % Moisture:
 Seq Number: 3147320 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	23.2	5.03	mg/kg	01.09.2021 11:55		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 10:00 % Moisture:
 Seq Number: 3147384 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.09.2021 21:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.09.2021 21:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.09.2021 21:48	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.09.2021 21:48	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	119	%	70-130	01.09.2021 21:48		
o-Terphenyl	84-15-1	121	%	70-130	01.09.2021 21:48		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-19 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-019

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	01.10.2021 06:23	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	01.10.2021 06:23	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	01.10.2021 06:23	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	01.10.2021 06:23	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	01.10.2021 06:23	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	01.10.2021 06:23	U	1
Total BTEX		<0.00201	0.00201	mg/kg	01.10.2021 06:23	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	105	%	70-130	01.10.2021 06:23		
4-Bromofluorobenzene	460-00-4	53	%	70-130	01.10.2021 06:23	**	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-20 (2')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-020 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 10:15 % Moisture:
 Seq Number: 3147320 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	28.8	4.98	mg/kg	01.09.2021 12:01		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 10:00 % Moisture:
 Seq Number: 3147384 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.09.2021 22:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.09.2021 22:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.09.2021 22:10	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.09.2021 22:10	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	109	%	70-130	01.09.2021 22:10		
o-Terphenyl	84-15-1	111	%	70-130	01.09.2021 22:10		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-20 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-020

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:45

% Moisture:

Seq Number: 3147313

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.10.2021 06:43	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	01.10.2021 06:43	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	01.10.2021 06:43	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	01.10.2021 06:43	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	01.10.2021 06:43	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	01.10.2021 06:43	U	1
Total BTEX		<0.00199	0.00199	mg/kg	01.10.2021 06:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	109	%	70-130	01.10.2021 06:43	
4-Bromofluorobenzene	460-00-4	53	%	70-130	01.10.2021 06:43	**



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Domino 3rd Party Dump

Sample Id: **Bottomhole-21(2')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-021 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 10:15 % Moisture:
 Seq Number: 3147320 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	26.3	5.04	mg/kg	01.09.2021 12:16		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 11:00 % Moisture:
 Seq Number: 3147385 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.09.2021 23:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.09.2021 23:58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.09.2021 23:58	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.09.2021 23:58	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	104	%	70-130	01.09.2021 23:58		
o-Terphenyl	84-15-1	110	%	70-130	01.09.2021 23:58		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-21(2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-021

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.10.2021 07:23	UXF	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.10.2021 07:23	UXF	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.10.2021 07:23	UXF	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	01.10.2021 07:23	UXF	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.10.2021 07:23	UXF	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.10.2021 07:23	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.10.2021 07:23	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	130	%	70-130	01.10.2021 07:23		
1,4-Difluorobenzene	540-36-3	79	%	70-130	01.10.2021 07:23		



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Domino 3rd Party Dump

Sample Id: **Bottomhole-22 (2')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-022 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 10:15 % Moisture:
 Seq Number: 3147320 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	24.4	5.02	mg/kg	01.09.2021 12:21		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 11:00 % Moisture:
 Seq Number: 3147385 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 01:01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 01:01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 01:01	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 01:01	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	101	%	70-130	01.10.2021 01:01		
o-Terphenyl	84-15-1	105	%	70-130	01.10.2021 01:01		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-22 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-022

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.10.2021 07:49	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.10.2021 07:49	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.10.2021 07:49	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.10.2021 07:49	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.10.2021 07:49	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.10.2021 07:49	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.10.2021 07:49	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	110	%	70-130	01.10.2021 07:49		
1,4-Difluorobenzene	540-36-3	99	%	70-130	01.10.2021 07:49		



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Domino 3rd Party Dump

Sample Id: **Bottomhole-23 (2')** Matrix: Soil Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-023 Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:15

% Moisture:

Seq Number: 3147320

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	26.4	5.05	mg/kg	01.09.2021 12:37		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 11:00

% Moisture:

Seq Number: 3147385

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 01:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 01:22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 01:22	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 01:22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	01.10.2021 01:22	
o-Terphenyl	84-15-1	108	%	70-130	01.10.2021 01:22	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-23 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-023

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.10.2021 08:15	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.10.2021 08:15	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.10.2021 08:15	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	01.10.2021 08:15	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.10.2021 08:15	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.10.2021 08:15	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.10.2021 08:15	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	85	%	70-130	01.10.2021 08:15		
4-Bromofluorobenzene	460-00-4	105	%	70-130	01.10.2021 08:15		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-24 (2')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-024 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 10:15 % Moisture:
 Seq Number: 3147320 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	26.1	5.05	mg/kg	01.09.2021 12:42		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 11:00 % Moisture:
 Seq Number: 3147385 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	01.10.2021 01:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	01.10.2021 01:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	01.10.2021 01:43	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	01.10.2021 01:43	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	104	%	70-130	01.10.2021 01:43		
o-Terphenyl	84-15-1	109	%	70-130	01.10.2021 01:43		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-24 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-024

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.10.2021 08:41	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	01.10.2021 08:41	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	01.10.2021 08:41	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	01.10.2021 08:41	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	01.10.2021 08:41	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	01.10.2021 08:41	U	1
Total BTEX		<0.00199	0.00199	mg/kg	01.10.2021 08:41	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	93	%	70-130	01.10.2021 08:41		
4-Bromofluorobenzene	460-00-4	78	%	70-130	01.10.2021 08:41		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-25 (2')** Matrix: Soil Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-025 Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:15

% Moisture:

Seq Number: 3147320

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	24.8	5.05	mg/kg	01.09.2021 12:48		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 11:00

% Moisture:

Seq Number: 3147385

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 02:04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 02:04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 02:04	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 02:04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	01.10.2021 02:04	
o-Terphenyl	84-15-1	113	%	70-130	01.10.2021 02:04	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-25 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-025

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.10.2021 09:07	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.10.2021 09:07	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.10.2021 09:07	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.10.2021 09:07	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.10.2021 09:07	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.10.2021 09:07	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.10.2021 09:07	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	122	%	70-130	01.10.2021 09:07		
1,4-Difluorobenzene	540-36-3	103	%	70-130	01.10.2021 09:07		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-26 (2')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-026 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 10:15 % Moisture:
 Seq Number: 3147320 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	24.9	4.98	mg/kg	01.09.2021 12:53		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 11:00 % Moisture:
 Seq Number: 3147385 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 02:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 02:25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 02:25	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 02:25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	01.10.2021 02:25	
o-Terphenyl	84-15-1	105	%	70-130	01.10.2021 02:25	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-26 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-026

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.10.2021 09:33	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.10.2021 09:33	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.10.2021 09:33	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	01.10.2021 09:33	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.10.2021 09:33	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.10.2021 09:33	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.10.2021 09:33	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	108	%	70-130	01.10.2021 09:33		
1,4-Difluorobenzene	540-36-3	101	%	70-130	01.10.2021 09:33		



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Domino 3rd Party Dump

Sample Id: **Bottomhole-27 (2')** Matrix: Soil Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-027 Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:15

% Moisture:

Seq Number: 3147320

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	23.2	5.00	mg/kg	01.09.2021 12:58		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 11:00

% Moisture:

Seq Number: 3147385

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 02:47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 02:47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 02:47	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 02:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	01.10.2021 02:47	
o-Terphenyl	84-15-1	110	%	70-130	01.10.2021 02:47	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-27 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-027

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.10.2021 09:59	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	01.10.2021 09:59	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	01.10.2021 09:59	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	01.10.2021 09:59	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	01.10.2021 09:59	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	01.10.2021 09:59	U	1
Total BTEX		<0.00199	0.00199	mg/kg	01.10.2021 09:59	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	87	%	70-130	01.10.2021 09:59		
4-Bromofluorobenzene	460-00-4	84	%	70-130	01.10.2021 09:59		



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Domino 3rd Party Dump

Sample Id: **Bottomhole-28 (2')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-028 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 10:15 % Moisture:
 Seq Number: 3147320 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	24.1	5.00	mg/kg	01.09.2021 13:03		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 11:00 % Moisture:
 Seq Number: 3147385 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 03:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 03:08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 03:08	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 03:08	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	98	%	70-130	01.10.2021 03:08		
o-Terphenyl	84-15-1	104	%	70-130	01.10.2021 03:08		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-28 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-028

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.10.2021 10:25	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	01.10.2021 10:25	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	01.10.2021 10:25	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	01.10.2021 10:25	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	01.10.2021 10:25	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	01.10.2021 10:25	U	1
Total BTEX		<0.00199	0.00199	mg/kg	01.10.2021 10:25	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	103	%	70-130	01.10.2021 10:25		
1,4-Difluorobenzene	540-36-3	94	%	70-130	01.10.2021 10:25		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-29 (2')** Matrix: Soil Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-029 Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:15

% Moisture:

Seq Number: 3147320

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	80.5	5.00	mg/kg	01.09.2021 13:08		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 11:00

% Moisture:

Seq Number: 3147385

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 03:30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 03:30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 03:30	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 03:30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	01.10.2021 03:30	
o-Terphenyl	84-15-1	102	%	70-130	01.10.2021 03:30	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-29 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-029

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.10.2021 10:52	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	01.10.2021 10:52	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	01.10.2021 10:52	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	01.10.2021 10:52	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	01.10.2021 10:52	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	01.10.2021 10:52	U	1
Total BTEX		<0.00199	0.00199	mg/kg	01.10.2021 10:52	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	85	%	70-130	01.10.2021 10:52		
4-Bromofluorobenzene	460-00-4	105	%	70-130	01.10.2021 10:52		



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Domino 3rd Party Dump

Sample Id: **Bottomhole-30 (2')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-030 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 10:45 % Moisture:
 Seq Number: 3147336 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	81.1	5.00	mg/kg	01.09.2021 13:40		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 11:00 % Moisture:
 Seq Number: 3147385 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 03:51	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 03:51	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 03:51	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 03:51	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	98	%	70-130	01.10.2021 03:51		
o-Terphenyl	84-15-1	104	%	70-130	01.10.2021 03:51		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-30 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-030

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.10.2021 11:18	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	01.10.2021 11:18	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	01.10.2021 11:18	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	01.10.2021 11:18	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	01.10.2021 11:18	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	01.10.2021 11:18	U	1
Total BTEX		<0.00199	0.00199	mg/kg	01.10.2021 11:18	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	110	%	70-130	01.10.2021 11:18		
1,4-Difluorobenzene	540-36-3	104	%	70-130	01.10.2021 11:18		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-31 (2')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-031 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 10:45 % Moisture:
 Seq Number: 3147336 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	83.9	5.03	mg/kg	01.09.2021 13:56		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 11:00 % Moisture:
 Seq Number: 3147385 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 04:34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 04:34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 04:34	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 04:34	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	95	%	70-130	01.10.2021 04:34		
o-Terphenyl	84-15-1	102	%	70-130	01.10.2021 04:34		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-31 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-031

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.10.2021 13:02	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.10.2021 13:02	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.10.2021 13:02	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	01.10.2021 13:02	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.10.2021 13:02	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.10.2021 13:02	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.10.2021 13:02	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	88	%	70-130	01.10.2021 13:02		
1,4-Difluorobenzene	540-36-3	91	%	70-130	01.10.2021 13:02		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-32 (2')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-032 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 10:45 % Moisture:
 Seq Number: 3147336 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	80.0	4.99	mg/kg	01.09.2021 14:01		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 11:00 % Moisture:
 Seq Number: 3147385 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	01.10.2021 04:56	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	01.10.2021 04:56	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	01.10.2021 04:56	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	01.10.2021 04:56	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	98	%	70-130	01.10.2021 04:56		
o-Terphenyl	84-15-1	103	%	70-130	01.10.2021 04:56		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-32 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-032

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.10.2021 13:28	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.10.2021 13:28	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.10.2021 13:28	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.10.2021 13:28	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.10.2021 13:28	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.10.2021 13:28	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.10.2021 13:28	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	100	%	70-130	01.10.2021 13:28		
4-Bromofluorobenzene	460-00-4	83	%	70-130	01.10.2021 13:28		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-33 (2')** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-033 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 10:45 % Moisture:
 Seq Number: 3147336 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	80.4	4.96	mg/kg	01.09.2021 14:06		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.09.2021 11:00 % Moisture:
 Seq Number: 3147385 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 05:18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 05:18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 05:18	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 05:18	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	100	%	70-130	01.10.2021 05:18		
o-Terphenyl	84-15-1	109	%	70-130	01.10.2021 05:18		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-33 (2')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-033

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.10.2021 13:54	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.10.2021 13:54	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.10.2021 13:54	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	01.10.2021 13:54	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.10.2021 13:54	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.10.2021 13:54	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.10.2021 13:54	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	01.10.2021 13:54		
4-Bromofluorobenzene	460-00-4	130	%	70-130	01.10.2021 13:54		



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Domino 3rd Party Dump

Sample Id: **Bottomhole-34 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-034

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:45

% Moisture:

Seq Number: 3147336

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	22.6	5.05	mg/kg	01.09.2021 14:11		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 11:00

% Moisture:

Seq Number: 3147385

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 05:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 05:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 05:39	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 05:39	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	103	%	70-130	01.10.2021 05:39		
o-Terphenyl	84-15-1	110	%	70-130	01.10.2021 05:39		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-34 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-034

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.10.2021 14:20	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.10.2021 14:20	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.10.2021 14:20	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	01.10.2021 14:20	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.10.2021 14:20	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.10.2021 14:20	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.10.2021 14:20	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	01.10.2021 14:20		
4-Bromofluorobenzene	460-00-4	130	%	70-130	01.10.2021 14:20		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-35 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-035

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:45

% Moisture:

Seq Number: 3147336

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	52.3	5.05	mg/kg	01.09.2021 14:27		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 11:00

% Moisture:

Seq Number: 3147385

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 06:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 06:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 06:00	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 06:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	01.10.2021 06:00	
o-Terphenyl	84-15-1	105	%	70-130	01.10.2021 06:00	



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Domino 3rd Party Dump

Sample Id: **Bottomhole-35 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-035

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.10.2021 14:46	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.10.2021 14:46	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.10.2021 14:46	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	01.10.2021 14:46	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.10.2021 14:46	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.10.2021 14:46	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.10.2021 14:46	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	105	%	70-130	01.10.2021 14:46		
1,4-Difluorobenzene	540-36-3	105	%	70-130	01.10.2021 14:46		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-36 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-036

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:45

% Moisture:

Seq Number: 3147336

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	50.6	5.05	mg/kg	01.09.2021 14:32		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 11:00

% Moisture:

Seq Number: 3147385

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	01.10.2021 06:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	01.10.2021 06:22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	01.10.2021 06:22	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	01.10.2021 06:22	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	101	%	70-130	01.10.2021 06:22		
o-Terphenyl	84-15-1	104	%	70-130	01.10.2021 06:22		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-36 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-036

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.10.2021 15:12	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.10.2021 15:12	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.10.2021 15:12	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	01.10.2021 15:12	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.10.2021 15:12	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.10.2021 15:12	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.10.2021 15:12	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	96	%	70-130	01.10.2021 15:12		
4-Bromofluorobenzene	460-00-4	126	%	70-130	01.10.2021 15:12		



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Domino 3rd Party Dump

Sample Id: **Bottomhole-37 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-037

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:45

% Moisture:

Seq Number: 3147336

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	54.8	4.98	mg/kg	01.09.2021 14:38		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 11:00

% Moisture:

Seq Number: 3147385

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 06:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 06:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 06:43	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 06:43	U	1

Surrogate

1-Chlorooctane

o-Terphenyl

Cas Number

% Recovery

Units

Limits

Analysis Date

Flag

111-85-3

105

%

70-130

01.10.2021 06:43

84-15-1

109

%

70-130

01.10.2021 06:43



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-37 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-037

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.10.2021 15:38	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.10.2021 15:38	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.10.2021 15:38	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.10.2021 15:38	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.10.2021 15:38	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.10.2021 15:38	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.10.2021 15:38	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	97	%	70-130	01.10.2021 15:38		
4-Bromofluorobenzene	460-00-4	135	%	70-130	01.10.2021 15:38	**	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-38 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-038

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:45

% Moisture:

Seq Number: 3147336

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	55.8	5.00	mg/kg	01.09.2021 14:43		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 11:00

% Moisture:

Seq Number: 3147385

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 07:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 07:05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 07:05	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 07:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	01.10.2021 07:05	
o-Terphenyl	84-15-1	102	%	70-130	01.10.2021 07:05	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-38 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-038

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.10.2021 16:04	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.10.2021 16:04	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.10.2021 16:04	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	01.10.2021 16:04	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.10.2021 16:04	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.10.2021 16:04	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.10.2021 16:04	U	1

Surrogate

1,4-Difluorobenzene
4-Bromofluorobenzene

Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
540-36-3	105	%	70-130	01.10.2021 16:04	
460-00-4	127	%	70-130	01.10.2021 16:04	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-39 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-039

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:45

% Moisture:

Seq Number: 3147336

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	49.9	5.04	mg/kg	01.09.2021 14:48		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 11:00

% Moisture:

Seq Number: 3147385

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 07:27	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 07:27	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 07:27	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 07:27	U	1

Surrogate

1-Chlorooctane

o-Terphenyl

Cas Number

% Recovery

Units

Limits

Analysis Date

Flag

111-85-3

96

%

70-130

01.10.2021 07:27

84-15-1

102

%

70-130

01.10.2021 07:27



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-39 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-039

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.10.2021 16:30	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.10.2021 16:30	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.10.2021 16:30	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	01.10.2021 16:30	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.10.2021 16:30	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.10.2021 16:30	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.10.2021 16:30	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	99	%	70-130	01.10.2021 16:30		
4-Bromofluorobenzene	460-00-4	131	%	70-130	01.10.2021 16:30	**	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-40 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-040

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:45

% Moisture:

Seq Number: 3147336

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	43.1	4.98	mg/kg	01.09.2021 14:53		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.09.2021 11:00

% Moisture:

Seq Number: 3147385

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 07:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 07:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 07:48	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 07:48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	01.10.2021 07:48	
o-Terphenyl	84-15-1	112	%	70-130	01.10.2021 07:48	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-40 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-040

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:15

% Moisture:

Seq Number: 3147311

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.10.2021 16:56	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	01.10.2021 16:56	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	01.10.2021 16:56	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	01.10.2021 16:56	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	01.10.2021 16:56	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	01.10.2021 16:56	U	1
Total BTEX		<0.00199	0.00199	mg/kg	01.10.2021 16:56	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	130	%	70-130	01.10.2021 16:56		
1,4-Difluorobenzene	540-36-3	106	%	70-130	01.10.2021 16:56		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-41 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-041

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:45

% Moisture:

Seq Number: 3147336

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10.2	4.96	mg/kg	01.09.2021 15:09		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:

Seq Number: 3147390

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 13:33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 13:33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 13:33	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 13:33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-130	01.10.2021 13:33	
o-Terphenyl	84-15-1	79	%	70-130	01.10.2021 13:33	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-41 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-041

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 17:00

% Moisture:

Seq Number: 3147235

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.09.2021 05:52	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.09.2021 05:52	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.09.2021 05:52	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	01.09.2021 05:52	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.09.2021 05:52	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.09.2021 05:52	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.09.2021 05:52	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	93	%	70-130	01.09.2021 05:52		
4-Bromofluorobenzene	460-00-4	111	%	70-130	01.09.2021 05:52		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-42 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-042

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:45

% Moisture:

Seq Number: 3147336

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.7	5.02	mg/kg	01.09.2021 15:14		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:

Seq Number: 3147390

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 14:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 14:38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 14:38	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 14:38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	70	%	70-130	01.10.2021 14:38	
o-Terphenyl	84-15-1	72	%	70-130	01.10.2021 14:38	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-42 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-042

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 17:00

% Moisture:

Seq Number: 3147235

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.09.2021 06:12	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.09.2021 06:12	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.09.2021 06:12	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	01.09.2021 06:12	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.09.2021 06:12	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.09.2021 06:12	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.09.2021 06:12	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	96	%	70-130	01.09.2021 06:12		
4-Bromofluorobenzene	460-00-4	104	%	70-130	01.09.2021 06:12		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-43 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-043

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:45

% Moisture:

Seq Number: 3147336

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	13.5	4.99	mg/kg	01.09.2021 15:30		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:

Seq Number: 3147390

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 15:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 15:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 15:00	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 15:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-130	01.10.2021 15:00	
o-Terphenyl	84-15-1	79	%	70-130	01.10.2021 15:00	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-43 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-043

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 17:00

% Moisture:

Seq Number: 3147235

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.09.2021 06:33	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	01.09.2021 06:33	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	01.09.2021 06:33	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	01.09.2021 06:33	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	01.09.2021 06:33	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	01.09.2021 06:33	U	1
Total BTEX		<0.00199	0.00199	mg/kg	01.09.2021 06:33	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	94	%	70-130	01.09.2021 06:33		
4-Bromofluorobenzene	460-00-4	105	%	70-130	01.09.2021 06:33		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-4 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-044

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:45

% Moisture:

Seq Number: 3147336

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.2	5.00	mg/kg	01.09.2021 15:35		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:

Seq Number: 3147390

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	01.10.2021 15:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	01.10.2021 15:22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	01.10.2021 15:22	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	01.10.2021 15:22	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	76	%	70-130	01.10.2021 15:22		
o-Terphenyl	84-15-1	81	%	70-130	01.10.2021 15:22		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-4 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-044

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 17:00

% Moisture:

Seq Number: 3147235

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.09.2021 06:53	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.09.2021 06:53	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.09.2021 06:53	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	01.09.2021 06:53	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.09.2021 06:53	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.09.2021 06:53	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.09.2021 06:53	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	107	%	70-130	01.09.2021 06:53		
1,4-Difluorobenzene	540-36-3	96	%	70-130	01.09.2021 06:53		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-45 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-045

Date Collected: 01.05.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:45

% Moisture:

Seq Number: 3147336

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	13.0	5.00	mg/kg	01.09.2021 15:40		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:

Seq Number: 3147390

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 15:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 15:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 15:43	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 15:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-130	01.10.2021 15:43	
o-Terphenyl	84-15-1	82	%	70-130	01.10.2021 15:43	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **Bottomhole-45 (2.5')**

Matrix: Soil

Date Received: 01.08.2021 13:00

Lab Sample Id: 683982-045

Date Collected: 01.05.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 17:00

% Moisture:

Seq Number: 3147235

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.09.2021 07:13	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.09.2021 07:13	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.09.2021 07:13	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	01.09.2021 07:13	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.09.2021 07:13	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.09.2021 07:13	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.09.2021 07:13	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	96	%	70-130	01.09.2021 07:13		
4-Bromofluorobenzene	460-00-4	107	%	70-130	01.09.2021 07:13		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-1** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-046 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 10:45 % Moisture:
 Seq Number: 3147336 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	28.6	4.97	mg/kg	01.09.2021 15:46		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.10.2021 09:00 % Moisture:
 Seq Number: 3147390 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	01.10.2021 16:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	01.10.2021 16:05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	01.10.2021 16:05	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	01.10.2021 16:05	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	89	%	70-130	01.10.2021 16:05		
o-Terphenyl	84-15-1	94	%	70-130	01.10.2021 16:05		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-1**
 Lab Sample Id: 683982-046

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3147235

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	01.09.2021 07:34	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	01.09.2021 07:34	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	01.09.2021 07:34	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	01.09.2021 07:34	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	01.09.2021 07:34	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	01.09.2021 07:34	U	1
Total BTEX		<0.00202	0.00202	mg/kg	01.09.2021 07:34	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	112	%	70-130	01.09.2021 07:34		
1,4-Difluorobenzene	540-36-3	94	%	70-130	01.09.2021 07:34		



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-2**
Lab Sample Id: 683982-047

Matrix: Soil
Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 10:45

% Moisture:
Basis: Wet Weight

Seq Number: 3147336

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	25.0	4.95	mg/kg	01.09.2021 15:51		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3147390

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 16:26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 16:26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 16:26	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 16:26	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	83	%	70-130	01.10.2021 16:26		
o-Terphenyl	84-15-1	89	%	70-130	01.10.2021 16:26		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-2**
 Lab Sample Id: 683982-047

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3147235

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	01.09.2021 07:54	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	01.09.2021 07:54	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	01.09.2021 07:54	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	01.09.2021 07:54	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	01.09.2021 07:54	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	01.09.2021 07:54	U	1
Total BTEX		<0.00202	0.00202	mg/kg	01.09.2021 07:54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	01.09.2021 07:54	
4-Bromofluorobenzene	460-00-4	107	%	70-130	01.09.2021 07:54	



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-3** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-048 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 10:45 % Moisture:
 Seq Number: 3147336 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	26.7	4.95	mg/kg	01.09.2021 15:56		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.10.2021 09:00 % Moisture:
 Seq Number: 3147390 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	01.10.2021 16:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	01.10.2021 16:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	01.10.2021 16:48	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	01.10.2021 16:48	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	74	%	70-130	01.10.2021 16:48		
o-Terphenyl	84-15-1	81	%	70-130	01.10.2021 16:48		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-3**
 Lab Sample Id: 683982-048

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3147235

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.09.2021 08:15	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	01.09.2021 08:15	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	01.09.2021 08:15	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	01.09.2021 08:15	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	01.09.2021 08:15	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	01.09.2021 08:15	U	1
Total BTEX		<0.00199	0.00199	mg/kg	01.09.2021 08:15	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	93	%	70-130	01.09.2021 08:15		
4-Bromofluorobenzene	460-00-4	119	%	70-130	01.09.2021 08:15		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-4** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-049 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 10:45 % Moisture:
 Seq Number: 3147336 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	30.4	5.05	mg/kg	01.09.2021 16:01		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.10.2021 09:00 % Moisture:
 Seq Number: 3147390 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 17:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 17:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 17:10	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 17:10	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	80	%	70-130	01.10.2021 17:10		
o-Terphenyl	84-15-1	80	%	70-130	01.10.2021 17:10		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-4**
 Lab Sample Id: 683982-049

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3147235

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.09.2021 08:35	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.09.2021 08:35	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.09.2021 08:35	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.09.2021 08:35	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.09.2021 08:35	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.09.2021 08:35	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.09.2021 08:35	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	105	%	70-130	01.09.2021 08:35		
1,4-Difluorobenzene	540-36-3	95	%	70-130	01.09.2021 08:35		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-5** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-050 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 11:05 % Moisture:
 Seq Number: 3147338 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	31.3	5.03	mg/kg	01.09.2021 16:33		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.10.2021 09:00 % Moisture:
 Seq Number: 3147390 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 17:31	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 17:31	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 17:31	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 17:31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	73	%	70-130	01.10.2021 17:31	
o-Terphenyl	84-15-1	76	%	70-130	01.10.2021 17:31	



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-5**
 Lab Sample Id: 683982-050

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3147235

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	01.09.2021 08:56	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	01.09.2021 08:56	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	01.09.2021 08:56	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	01.09.2021 08:56	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	01.09.2021 08:56	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	01.09.2021 08:56	U	1
Total BTEX		<0.00202	0.00202	mg/kg	01.09.2021 08:56	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	106	%	70-130	01.09.2021 08:56		
1,4-Difluorobenzene	540-36-3	96	%	70-130	01.09.2021 08:56		



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-6** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-051 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 11:05 % Moisture:
 Seq Number: 3147338 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	12.0	4.98	mg/kg	01.09.2021 16:48		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.10.2021 09:00 % Moisture:
 Seq Number: 3147390 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 18:15	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 18:15	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 18:15	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 18:15	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	71	%	70-130	01.10.2021 18:15		
o-Terphenyl	84-15-1	72	%	70-130	01.10.2021 18:15		



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-6**
 Lab Sample Id: 683982-051

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.09.2021 12:19	UX	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.09.2021 12:19	UX	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.09.2021 12:19	UX	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	01.09.2021 12:19	UX	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.09.2021 12:19	UX	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.09.2021 12:19	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.09.2021 12:19	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	83	%	70-130	01.09.2021 12:19		
4-Bromofluorobenzene	460-00-4	116	%	70-130	01.09.2021 12:19		



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-7** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-052 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 11:05 % Moisture:
 Seq Number: 3147338 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	20.2	5.00	mg/kg	01.09.2021 16:53		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.10.2021 09:00 % Moisture:
 Seq Number: 3147390 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 18:36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 18:36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 18:36	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 18:36	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	79	%	70-130	01.10.2021 18:36		
o-Terphenyl	84-15-1	80	%	70-130	01.10.2021 18:36		



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-7**
 Lab Sample Id: 683982-052

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	01.09.2021 12:40	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	01.09.2021 12:40	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	01.09.2021 12:40	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	01.09.2021 12:40	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	01.09.2021 12:40	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	01.09.2021 12:40	U	1
Total BTEX		<0.00201	0.00201	mg/kg	01.09.2021 12:40	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	108	%	70-130	01.09.2021 12:40		
1,4-Difluorobenzene	540-36-3	98	%	70-130	01.09.2021 12:40		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-8**
Lab Sample Id: 683982-053

Matrix: Soil
Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 11:05

% Moisture:
Basis: Wet Weight

Seq Number: 3147338

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	25.7	4.95	mg/kg	01.09.2021 16:59		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3147390

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	01.10.2021 18:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	01.10.2021 18:58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	01.10.2021 18:58	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	01.10.2021 18:58	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	82	%	70-130	01.10.2021 18:58		
o-Terphenyl	84-15-1	83	%	70-130	01.10.2021 18:58		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-8**
 Lab Sample Id: 683982-053

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.09.2021 13:00	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.09.2021 13:00	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.09.2021 13:00	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	01.09.2021 13:00	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.09.2021 13:00	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.09.2021 13:00	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.09.2021 13:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	01.09.2021 13:00	
4-Bromofluorobenzene	460-00-4	109	%	70-130	01.09.2021 13:00	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-9** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-054 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 11:05 % Moisture:
 Seq Number: 3147338 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	45.6	4.95	mg/kg	01.09.2021 17:04		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.10.2021 09:00 % Moisture:
 Seq Number: 3147390 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 19:20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 19:20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 19:20	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 19:20	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	80	%	70-130	01.10.2021 19:20		
o-Terphenyl	84-15-1	85	%	70-130	01.10.2021 19:20		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-9**
 Lab Sample Id: 683982-054

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.09.2021 13:20	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.09.2021 13:20	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.09.2021 13:20	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	01.09.2021 13:20	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.09.2021 13:20	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.09.2021 13:20	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.09.2021 13:20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	97	%	70-130	01.09.2021 13:20	
4-Bromofluorobenzene	460-00-4	105	%	70-130	01.09.2021 13:20	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-10**
Lab Sample Id: 683982-055

Matrix: Soil
Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 11:05

% Moisture:
Basis: Wet Weight

Seq Number: 3147338

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	82.0	4.95	mg/kg	01.09.2021 17:20		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3147390

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 19:42	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 19:42	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 19:42	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 19:42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-130	01.10.2021 19:42	
o-Terphenyl	84-15-1	81	%	70-130	01.10.2021 19:42	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-10**
 Lab Sample Id: 683982-055

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.09.2021 13:41	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.09.2021 13:41	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.09.2021 13:41	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	01.09.2021 13:41	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.09.2021 13:41	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.09.2021 13:41	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.09.2021 13:41	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	96	%	70-130	01.09.2021 13:41		
4-Bromofluorobenzene	460-00-4	108	%	70-130	01.09.2021 13:41		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-11**
Lab Sample Id: 683982-056

Matrix: Soil
Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 11:05

% Moisture:
Basis: Wet Weight

Seq Number: 3147338

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	90.4	5.02	mg/kg	01.09.2021 17:25		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3147390

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 20:03	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 20:03	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 20:03	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 20:03	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	88	%	70-130	01.10.2021 20:03		
o-Terphenyl	84-15-1	91	%	70-130	01.10.2021 20:03		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-11**
 Lab Sample Id: 683982-056

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.09.2021 14:01	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.09.2021 14:01	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.09.2021 14:01	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.09.2021 14:01	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.09.2021 14:01	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.09.2021 14:01	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.09.2021 14:01	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	104	%	70-130	01.09.2021 14:01		
1,4-Difluorobenzene	540-36-3	95	%	70-130	01.09.2021 14:01		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-12**
Lab Sample Id: 683982-057

Matrix: Soil
Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 11:05

% Moisture:
Basis: Wet Weight

Seq Number: 3147338

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	41.7	4.98	mg/kg	01.09.2021 17:30		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3147390

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 20:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 20:25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 20:25	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 20:25	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	85	%	70-130	01.10.2021 20:25		
o-Terphenyl	84-15-1	90	%	70-130	01.10.2021 20:25		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-12**
 Lab Sample Id: 683982-057

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.09.2021 14:22	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.09.2021 14:22	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.09.2021 14:22	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.09.2021 14:22	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.09.2021 14:22	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.09.2021 14:22	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.09.2021 14:22	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	88	%	70-130	01.09.2021 14:22		
4-Bromofluorobenzene	460-00-4	122	%	70-130	01.09.2021 14:22		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-13**
Lab Sample Id: 683982-058

Matrix: Soil
Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 11:05

% Moisture:
Basis: Wet Weight

Seq Number: 3147338

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	29.9	4.95	mg/kg	01.09.2021 17:35		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3147390

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 20:47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 20:47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 20:47	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 20:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-130	01.10.2021 20:47	
o-Terphenyl	84-15-1	80	%	70-130	01.10.2021 20:47	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-13**
 Lab Sample Id: 683982-058

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.09.2021 14:42	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.09.2021 14:42	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.09.2021 14:42	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	01.09.2021 14:42	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.09.2021 14:42	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.09.2021 14:42	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.09.2021 14:42	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	110	%	70-130	01.09.2021 14:42		
1,4-Difluorobenzene	540-36-3	93	%	70-130	01.09.2021 14:42		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-14**
Lab Sample Id: 683982-059

Matrix: Soil
Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 11:05

% Moisture:
Basis: Wet Weight

Seq Number: 3147338

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	28.1	5.03	mg/kg	01.09.2021 17:41		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3147390

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 21:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 21:08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 21:08	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 21:08	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	77	%	70-130	01.10.2021 21:08		
o-Terphenyl	84-15-1	82	%	70-130	01.10.2021 21:08		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-14**
 Lab Sample Id: 683982-059

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	01.09.2021 15:03	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	01.09.2021 15:03	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	01.09.2021 15:03	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	01.09.2021 15:03	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	01.09.2021 15:03	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	01.09.2021 15:03	U	1
Total BTEX		<0.00201	0.00201	mg/kg	01.09.2021 15:03	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	107	%	70-130	01.09.2021 15:03		
1,4-Difluorobenzene	540-36-3	90	%	70-130	01.09.2021 15:03		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-15**
Lab Sample Id: 683982-060

Matrix: Soil
Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 11:05

% Moisture:
Basis: Wet Weight

Seq Number: 3147338

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	26.1	4.98	mg/kg	01.09.2021 17:46		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3147390

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 21:30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 21:30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 21:30	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 21:30	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	74	%	70-130	01.10.2021 21:30		
o-Terphenyl	84-15-1	77	%	70-130	01.10.2021 21:30		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-15**
Lab Sample Id: 683982-060

Matrix: Soil
Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.09.2021 15:23	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.09.2021 15:23	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.09.2021 15:23	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	01.09.2021 15:23	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.09.2021 15:23	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.09.2021 15:23	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.09.2021 15:23	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	92	%	70-130	01.09.2021 15:23		
4-Bromofluorobenzene	460-00-4	112	%	70-130	01.09.2021 15:23		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-16**
Lab Sample Id: 683982-061

Matrix: Soil
Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 11:05

% Moisture:
Basis: Wet Weight

Seq Number: 3147338

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	20.0	4.96	mg/kg	01.09.2021 18:01		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3147389

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 12:46	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 12:46	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 12:46	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 12:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-130	01.10.2021 12:46	
o-Terphenyl	84-15-1	88	%	70-130	01.10.2021 12:46	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-16**
 Lab Sample Id: 683982-061

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	01.09.2021 16:46	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	01.09.2021 16:46	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	01.09.2021 16:46	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	01.09.2021 16:46	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	01.09.2021 16:46	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	01.09.2021 16:46	U	1
Total BTEX		<0.00202	0.00202	mg/kg	01.09.2021 16:46	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	116	%	70-130	01.09.2021 16:46		
1,4-Difluorobenzene	540-36-3	88	%	70-130	01.09.2021 16:46		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-17**
Lab Sample Id: 683982-062

Matrix: Soil
Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 11:05

% Moisture:
Basis: Wet Weight

Seq Number: 3147338

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	28.2	5.03	mg/kg	01.09.2021 18:07		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3147389

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	01.10.2021 13:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	01.10.2021 13:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	01.10.2021 13:43	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	01.10.2021 13:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	70	%	70-130	01.10.2021 13:43	
o-Terphenyl	84-15-1	79	%	70-130	01.10.2021 13:43	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-17**
 Lab Sample Id: 683982-062

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.09.2021 17:07	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.09.2021 17:07	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.09.2021 17:07	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	01.09.2021 17:07	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.09.2021 17:07	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.09.2021 17:07	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.09.2021 17:07	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	95	%	70-130	01.09.2021 17:07		
4-Bromofluorobenzene	460-00-4	106	%	70-130	01.09.2021 17:07		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-18**
Lab Sample Id: 683982-063

Matrix: Soil
Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 11:05

% Moisture:
Basis: Wet Weight

Seq Number: 3147338

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	25.9	5.00	mg/kg	01.09.2021 18:22		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3147389

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 14:02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 14:02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 14:02	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 14:02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-130	01.10.2021 14:02	
o-Terphenyl	84-15-1	94	%	70-130	01.10.2021 14:02	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-18**
 Lab Sample Id: 683982-063

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.09.2021 17:27	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.09.2021 17:27	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.09.2021 17:27	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.09.2021 17:27	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.09.2021 17:27	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.09.2021 17:27	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.09.2021 17:27	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	92	%	70-130	01.09.2021 17:27		
4-Bromofluorobenzene	460-00-4	106	%	70-130	01.09.2021 17:27		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-19** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-064 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 11:05 % Moisture:
 Seq Number: 3147338 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	31.0	4.97	mg/kg	01.09.2021 18:28		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.10.2021 09:00 % Moisture:
 Seq Number: 3147389 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 14:20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 14:20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 14:20	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 14:20	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	70	%	70-130	01.10.2021 14:20		
o-Terphenyl	84-15-1	80	%	70-130	01.10.2021 14:20		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-19**
 Lab Sample Id: 683982-064

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.09.2021 17:47	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	01.09.2021 17:47	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	01.09.2021 17:47	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	01.09.2021 17:47	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	01.09.2021 17:47	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	01.09.2021 17:47	U	1
Total BTEX		<0.00199	0.00199	mg/kg	01.09.2021 17:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	88	%	70-130	01.09.2021 17:47	
4-Bromofluorobenzene	460-00-4	111	%	70-130	01.09.2021 17:47	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-20**
Lab Sample Id: 683982-065

Matrix: Soil
Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 11:05

% Moisture:
Basis: Wet Weight

Seq Number: 3147338

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	30.0	5.03	mg/kg	01.09.2021 18:33		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3147389

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 14:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 14:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 14:39	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 14:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	70	%	70-130	01.10.2021 14:39	
o-Terphenyl	84-15-1	79	%	70-130	01.10.2021 14:39	



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-20**
 Lab Sample Id: 683982-065

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.09.2021 18:08	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	01.09.2021 18:08	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	01.09.2021 18:08	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	01.09.2021 18:08	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	01.09.2021 18:08	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	01.09.2021 18:08	U	1
Total BTEX		<0.00199	0.00199	mg/kg	01.09.2021 18:08	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	109	%	70-130	01.09.2021 18:08		
1,4-Difluorobenzene	540-36-3	94	%	70-130	01.09.2021 18:08		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-21** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-066 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 11:05 % Moisture:
 Seq Number: 3147338 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	33.2	5.00	mg/kg	01.09.2021 18:38		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.10.2021 09:00 % Moisture:
 Seq Number: 3147389 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	01.10.2021 14:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	01.10.2021 14:58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	01.10.2021 14:58	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	01.10.2021 14:58	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	71	%	70-130	01.10.2021 14:58		
o-Terphenyl	84-15-1	74	%	70-130	01.10.2021 14:58		



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Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-21**
 Lab Sample Id: 683982-066

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	01.09.2021 18:28	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	01.09.2021 18:28	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	01.09.2021 18:28	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	01.09.2021 18:28	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	01.09.2021 18:28	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	01.09.2021 18:28	U	1
Total BTEX		<0.00202	0.00202	mg/kg	01.09.2021 18:28	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	93	%	70-130	01.09.2021 18:28		
4-Bromofluorobenzene	460-00-4	104	%	70-130	01.09.2021 18:28		



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-22** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-067 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 11:05 % Moisture:
 Seq Number: 3147338 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	33.8	5.00	mg/kg	01.09.2021 18:43		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.10.2021 09:00 % Moisture:
 Seq Number: 3147389 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.10.2021 15:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.10.2021 15:17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.10.2021 15:17	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.10.2021 15:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-130	01.10.2021 15:17	
o-Terphenyl	84-15-1	87	%	70-130	01.10.2021 15:17	



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-22**
 Lab Sample Id: 683982-067

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.09.2021 18:49	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.09.2021 18:49	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.09.2021 18:49	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	01.09.2021 18:49	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.09.2021 18:49	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.09.2021 18:49	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.09.2021 18:49	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	94	%	70-130	01.09.2021 18:49		
4-Bromofluorobenzene	460-00-4	114	%	70-130	01.09.2021 18:49		



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-23**
Lab Sample Id: 683982-068

Matrix: Soil
Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 11:05

% Moisture:
Basis: Wet Weight

Seq Number: 3147338

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	34.8	5.00	mg/kg	01.09.2021 18:48		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3147389

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 15:36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 15:36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 15:36	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 15:36	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	78	%	70-130	01.10.2021 15:36		
o-Terphenyl	84-15-1	86	%	70-130	01.10.2021 15:36		



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-23**
 Lab Sample Id: 683982-068

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	01.09.2021 19:09	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	01.09.2021 19:09	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	01.09.2021 19:09	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	01.09.2021 19:09	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	01.09.2021 19:09	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	01.09.2021 19:09	U	1
Total BTEX		<0.00198	0.00198	mg/kg	01.09.2021 19:09	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	93	%	70-130	01.09.2021 19:09		
4-Bromofluorobenzene	460-00-4	106	%	70-130	01.09.2021 19:09		



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-24** Matrix: Soil Date Received: 01.08.2021 13:00
 Lab Sample Id: 683982-069 Date Collected: 01.05.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 01.09.2021 11:05 % Moisture:
 Seq Number: 3147338 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	58.8	5.02	mg/kg	01.09.2021 18:54		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: MNR
 Analyst: ARM Date Prep: 01.10.2021 09:00 % Moisture:
 Seq Number: 3147389 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	01.10.2021 15:55	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	01.10.2021 15:55	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	01.10.2021 15:55	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	01.10.2021 15:55	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	77	%	70-130	01.10.2021 15:55		
o-Terphenyl	84-15-1	85	%	70-130	01.10.2021 15:55		



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-24**
 Lab Sample Id: 683982-069

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.09.2021 19:30	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.09.2021 19:30	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.09.2021 19:30	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.09.2021 19:30	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.09.2021 19:30	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.09.2021 19:30	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.09.2021 19:30	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	95	%	70-130	01.09.2021 19:30		
4-Bromofluorobenzene	460-00-4	108	%	70-130	01.09.2021 19:30		



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-25**
Lab Sample Id: 683982-070

Matrix: Soil
Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 01.09.2021 12:45

% Moisture:
Basis: Wet Weight

Seq Number: 3147340

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	56.7	5.00	mg/kg	01.09.2021 19:25		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: MNR

Analyst: ARM

Date Prep: 01.10.2021 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3147389

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	01.10.2021 16:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	01.10.2021 16:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	01.10.2021 16:14	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	01.10.2021 16:14	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	71	%	70-130	01.10.2021 16:14		
o-Terphenyl	84-15-1	76	%	70-130	01.10.2021 16:14		



Certificate of Analytical Results 683982

Tetra Tech- Midland, Midland, TX

Domino 3rd Party Dump

Sample Id: **SW-25**
 Lab Sample Id: 683982-070

Matrix: Soil
 Date Collected: 01.05.2021 00:00

Date Received: 01.08.2021 13:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 01.08.2021 16:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3147312

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	01.09.2021 19:50	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	01.09.2021 19:50	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	01.09.2021 19:50	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	01.09.2021 19:50	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	01.09.2021 19:50	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	01.09.2021 19:50	U	1
Total BTEX		<0.00200	0.00200	mg/kg	01.09.2021 19:50	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	105	%	70-130	01.09.2021 19:50		
1,4-Difluorobenzene	540-36-3	95	%	70-130	01.09.2021 19:50		

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

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

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

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

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

+ NELAC certification not offered for this compound.

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



Tetra Tech- Midland Domino 3rd Party Dump

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3147334

Matrix: Solid

Prep Method: E300P

Date Prep: 01.09.2021

MB Sample Id: 7718818-1-BLK

LCS Sample Id: 7718818-1-BKS

LCSD Sample Id: 7718818-1-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	229	92	247	99	90-110	8	20	mg/kg	01.09.2021 11:18	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3147320

Matrix: Solid

Prep Method: E300P

Date Prep: 01.09.2021

MB Sample Id: 7718820-1-BLK

LCS Sample Id: 7718820-1-BKS

LCSD Sample Id: 7718820-1-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	241	96	90-110	0	20	mg/kg	01.09.2021 10:37	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3147336

Matrix: Solid

Prep Method: E300P

Date Prep: 01.09.2021

MB Sample Id: 7718827-1-BLK

LCS Sample Id: 7718827-1-BKS

LCSD Sample Id: 7718827-1-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	242	97	90-110	0	20	mg/kg	01.09.2021 13:30	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3147338

Matrix: Solid

Prep Method: E300P

Date Prep: 01.09.2021

MB Sample Id: 7718822-1-BLK

LCS Sample Id: 7718822-1-BKS

LCSD Sample Id: 7718822-1-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	244	98	90-110	0	20	mg/kg	01.09.2021 16:22	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3147340

Matrix: Solid

Prep Method: E300P

Date Prep: 01.09.2021

MB Sample Id: 7718823-1-BLK

LCS Sample Id: 7718823-1-BKS

LCSD Sample Id: 7718823-1-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	01.09.2021 19:15	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3147334

Matrix: Soil

Prep Method: E300P

Date Prep: 01.09.2021

Parent Sample Id: 683780-037

MS Sample Id: 683780-037 S

MSD Sample Id: 683780-037 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	2210	1260	3370	92	3450	98	90-110	2	20	mg/kg	01.09.2021 11:34	

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



Tetra Tech- Midland Domino 3rd Party Dump

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3147334

Matrix: Solid

Prep Method: E300P

Date Prep: 01.09.2021

Parent Sample Id: 683898-010

MS Sample Id: 683898-010 S

MSD Sample Id: 683898-010 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	2.49	248	242	97	228	91	90-110	6	20	mg/kg	01.09.2021 12:46	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3147320

Matrix: Soil

Prep Method: E300P

Date Prep: 01.09.2021

Parent Sample Id: 683982-010

MS Sample Id: 683982-010 S

MSD Sample Id: 683982-010 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	12.3	249	267	102	266	102	90-110	0	20	mg/kg	01.09.2021 10:53	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3147320

Matrix: Soil

Prep Method: E300P

Date Prep: 01.09.2021

Parent Sample Id: 683982-020

MS Sample Id: 683982-020 S

MSD Sample Id: 683982-020 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	28.8	249	275	99	275	99	90-110	0	20	mg/kg	01.09.2021 12:06	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3147336

Matrix: Soil

Prep Method: E300P

Date Prep: 01.09.2021

Parent Sample Id: 683982-030

MS Sample Id: 683982-030 S

MSD Sample Id: 683982-030 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	81.1	250	329	99	330	100	90-110	0	20	mg/kg	01.09.2021 13:45	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3147336

Matrix: Soil

Prep Method: E300P

Date Prep: 01.09.2021

Parent Sample Id: 683982-040

MS Sample Id: 683982-040 S

MSD Sample Id: 683982-040 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	43.1	249	295	101	295	101	90-110	0	20	mg/kg	01.09.2021 14:58	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3147338

Matrix: Soil

Prep Method: E300P

Date Prep: 01.09.2021

Parent Sample Id: 683982-050

MS Sample Id: 683982-050 S

MSD Sample Id: 683982-050 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	31.3	252	282	99	282	99	90-110	0	20	mg/kg	01.09.2021 16:38	

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



Tetra Tech- Midland Domino 3rd Party Dump

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3147338

Matrix: Soil

Prep Method: E300P

Date Prep: 01.09.2021

Parent Sample Id: 683982-060

MS Sample Id: 683982-060 S

MSD Sample Id: 683982-060 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	249	278	101	278	101	90-110	0	20	mg/kg	01.09.2021 17:51	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3147340

Matrix: Soil

Prep Method: E300P

Date Prep: 01.09.2021

Parent Sample Id: 683895-010

MS Sample Id: 683895-010 S

MSD Sample Id: 683895-010 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	48.6	249	299	101	299	101	90-110	0	20	mg/kg	01.09.2021 20:44	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3147340

Matrix: Soil

Prep Method: E300P

Date Prep: 01.09.2021

Parent Sample Id: 683982-070

MS Sample Id: 683982-070 S

MSD Sample Id: 683982-070 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	56.7	250	312	102	311	102	90-110	0	20	mg/kg	01.09.2021 19:30	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3147384

Matrix: Solid

Prep Method: SW8015P

Date Prep: 01.09.2021

MB Sample Id: 7718859-1-BLK

LCS Sample Id: 7718859-1-BKS

LCSD Sample Id: 7718859-1-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	951	95	981	98	70-130	3	20	mg/kg	01.09.2021 13:29	
Diesel Range Organics (DRO)	<50.0	1000	1070	107	1080	108	70-130	1	20	mg/kg	01.09.2021 13:29	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	105		108		109		70-130	%	01.09.2021 13:29
o-Terphenyl	118		109		113		70-130	%	01.09.2021 13:29

Analytical Method: TPH By SW8015 Mod

Seq Number: 3147385

Matrix: Solid

Prep Method: SW8015P

Date Prep: 01.09.2021

MB Sample Id: 7718861-1-BLK

LCS Sample Id: 7718861-1-BKS

LCSD Sample Id: 7718861-1-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	1000	100	1020	102	70-130	2	20	mg/kg	01.09.2021 23:15	
Diesel Range Organics (DRO)	<50.0	1000	1130	113	1150	115	70-130	2	20	mg/kg	01.09.2021 23:15	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	108		117		118		70-130	%	01.09.2021 23:15
o-Terphenyl	119		118		115		70-130	%	01.09.2021 23:15

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



Tetra Tech- Midland

Domino 3rd Party Dump

Analytical Method: TPH By SW8015 Mod

Seq Number: 3147389

MB Sample Id: 7718869-1-BLK

Matrix: Solid

LCS Sample Id: 7718869-1-BKS

Prep Method: SW8015P

Date Prep: 01.10.2021

LCSD Sample Id: 7718869-1-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	908	91	828	83	70-130	9	20	mg/kg	01.10.2021 12:08	
Diesel Range Organics (DRO)	<50.0	1000	860	86	868	87	70-130	1	20	mg/kg	01.10.2021 12:08	
Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag		LCSD %Rec	LCSD Flag		Limits	Units	Analysis Date	
1-Chlorooctane	87		89			73			70-130	%	01.10.2021 12:08	
o-Terphenyl	101		90			92			70-130	%	01.10.2021 12:08	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3147390

MB Sample Id: 7718872-1-BLK

Matrix: Solid

LCS Sample Id: 7718872-1-BKS

Prep Method: SW8015P

Date Prep: 01.10.2021

LCSD Sample Id: 7718872-1-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	909	91	948	95	70-130	4	20	mg/kg	01.10.2021 12:50	
Diesel Range Organics (DRO)	<50.0	1000	920	92	900	90	70-130	2	20	mg/kg	01.10.2021 12:50	
Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag		LCSD %Rec	LCSD Flag		Limits	Units	Analysis Date	
1-Chlorooctane	93		97			94			70-130	%	01.10.2021 12:50	
o-Terphenyl	101		100			102			70-130	%	01.10.2021 12:50	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3147384

Matrix: Solid
MB Sample Id: 7718859-1-BLK

Prep Method: SW8015P

Date Prep: 01.09.2021

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	01.09.2021 13:08	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3147385

Matrix: Solid
MB Sample Id: 7718861-1-BLK

Prep Method: SW8015P

Date Prep: 01.09.2021

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	01.09.2021 22:53	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3147389

Matrix: Solid
MB Sample Id: 7718869-1-BLK

Prep Method: SW8015P

Date Prep: 01.10.2021

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	01.10.2021 11:49	

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



Tetra Tech- Midland Domino 3rd Party Dump

Analytical Method: TPH By SW8015 Mod

Seq Number: 3147390

Matrix: Solid

Prep Method: SW8015P

Date Prep: 01.10.2021

MB Sample Id: 7718872-1-BLK

Parameter

Motor Oil Range Hydrocarbons (MRO)

**MB
Result**

<50.0

Units

mg/kg

**Analysis
Date**

01.10.2021 12:28

Flag**Analytical Method:** TPH By SW8015 Mod

Seq Number: 3147384

Matrix: Soil

Prep Method: SW8015P

Date Prep: 01.09.2021

Parent Sample Id: 683982-001

MS Sample Id: 683982-001 S

MSD Sample Id: 683982-001 SD

Parameter

Gasoline Range Hydrocarbons (GRO)

**Parent
Result**

<50.0

**Spike
Amount**

999

**MS
Result**

983

**MS
%Rec**

98

**MSD
Result**

943

**MSD
%Rec**

95

Limits

70-130

%RPD

4

**RPD
Limit**

20

Units

mg/kg

**Analysis
Date**

01.09.2021 14:34

Flag

Diesel Range Organics (DRO)

<50.0

999

1090

109

1100

110

70-130

1

20

mg/kg

01.09.2021 14:34

Surrogate

1-Chlorooctane

**MS
%Rec**

104

**MS
Flag****MSD
%Rec**

103

**MSD
Flag****Limits**

70-130

Units

%

**Analysis
Date**

01.09.2021 14:34

o-Terphenyl

100

101

70-130

%

01.09.2021 14:34

Analytical Method: TPH By SW8015 Mod

Seq Number: 3147385

Matrix: Soil

Prep Method: SW8015P

Date Prep: 01.09.2021

Parent Sample Id: 683982-021

MS Sample Id: 683982-021 S

MSD Sample Id: 683982-021 SD

Parameter

Gasoline Range Hydrocarbons (GRO)

**Parent
Result**

<50.0

**Spike
Amount**

999

**MS
Result**

1060

**MS
%Rec**

106

**MSD
Result**

1090

**MSD
%Rec**

109

Limits

70-130

%RPD

3

**RPD
Limit**

20

Units

mg/kg

**Analysis
Date**

01.10.2021 00:19

Flag

Diesel Range Organics (DRO)

<50.0

999

1170

117

1200

120

70-130

3

20

mg/kg

01.10.2021 00:19

Surrogate

1-Chlorooctane

**MS
%Rec**

114

**MS
Flag****MSD
%Rec**

115

**MSD
Flag****Limits**

70-130

Units

%

**Analysis
Date**

01.10.2021 00:19

o-Terphenyl

111

112

70-130

%

01.10.2021 00:19

Analytical Method: TPH By SW8015 Mod

Seq Number: 3147389

Matrix: Soil

Prep Method: SW8015P

Date Prep: 01.10.2021

Parent Sample Id: 683982-061

MS Sample Id: 683982-061 S

MSD Sample Id: 683982-061 SD

Parameter

Gasoline Range Hydrocarbons (GRO)

**Parent
Result**

<49.9

**Spike
Amount**

997

**MS
Result**

822

**MS
%Rec**

82

**MSD
Result**

814

**MSD
%Rec**

81

Limits

70-130

%RPD

1

**RPD
Limit**

20

Units

mg/kg

**Analysis
Date**

01.10.2021 13:05

Flag

Diesel Range Organics (DRO)

<49.9

997

895

90

925

93

70-130

3

20

mg/kg

01.10.2021 13:05

Surrogate

1-Chlorooctane

**MS
%Rec**

91

**MS
Flag****MSD
%Rec**

86

**MSD
Flag****Limits**

70-130

Units

%

**Analysis
Date**

01.10.2021 13:05

o-Terphenyl

87

79

70-130

%

01.10.2021 13:05

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



Tetra Tech- Midland

Domino 3rd Party Dump

Analytical Method: TPH By SW8015 Mod

Seq Number: 3147390

Parent Sample Id: 683982-041

Matrix: Soil

MS Sample Id: 683982-041 S

Prep Method: SW8015P

Date Prep: 01.10.2021

MSD Sample Id: 683982-041 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)	<49.9	997	954	96	880	88	70-130	8	20	mg/kg	01.10.2021 13:55	
Diesel Range Organics (DRO)	<49.9	997	879	88	880	88	70-130	0	20	mg/kg	01.10.2021 13:55	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	83		82		70-130	%	01.10.2021 13:55
o-Terphenyl	84		83		70-130	%	01.10.2021 13:55

Analytical Method: BTEX by EPA 8021B

Seq Number: 3147311

MB Sample Id: 7718834-1-BLK

Matrix: Solid

LCS Sample Id: 7718834-1-BKS

Prep Method: SW5035A

Date Prep: 01.08.2021

LCSD Sample Id: 7718834-1-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	0.0834	83	0.0880	88	70-130	5	35	mg/kg	01.10.2021 04:22	
Toluene	<0.00200	0.100	0.0847	85	0.0936	94	70-130	10	35	mg/kg	01.10.2021 04:22	
Ethylbenzene	<0.00200	0.100	0.0801	80	0.0894	89	70-130	11	35	mg/kg	01.10.2021 04:22	
m,p-Xylenes	<0.00400	0.200	0.156	78	0.178	89	70-130	13	35	mg/kg	01.10.2021 04:22	
o-Xylene	<0.00200	0.100	0.0829	83	0.0951	95	70-130	14	35	mg/kg	01.10.2021 04:22	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	80		87		100		70-130	%	01.10.2021 04:22
4-Bromofluorobenzene	84		106		120		70-130	%	01.10.2021 04:22

Analytical Method: BTEX by EPA 8021B

Seq Number: 3147312

MB Sample Id: 7718835-1-BLK

Matrix: Solid

LCS Sample Id: 7718835-1-BKS

Prep Method: SW5035A

Date Prep: 01.08.2021

LCSD Sample Id: 7718835-1-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	0.0889	89	0.0887	89	70-130	0	35	mg/kg	01.09.2021 09:58	
Toluene	<0.00200	0.100	0.0843	84	0.0861	86	70-130	2	35	mg/kg	01.09.2021 09:58	
Ethylbenzene	<0.00200	0.100	0.0848	85	0.0874	87	70-130	3	35	mg/kg	01.09.2021 09:58	
m,p-Xylenes	<0.00400	0.200	0.168	84	0.174	87	70-130	4	35	mg/kg	01.09.2021 09:58	
o-Xylene	<0.00200	0.100	0.0851	85	0.0885	89	70-130	4	35	mg/kg	01.09.2021 09:58	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	91		98		97		70-130	%	01.09.2021 09:58
4-Bromofluorobenzene	107		94		98		70-130	%	01.09.2021 09:58

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



Tetra Tech- Midland Domino 3rd Party Dump

Analytical Method: BTEX by EPA 8021B

Seq Number: 3147313

Matrix: Solid

Prep Method: SW5035A

Date Prep: 01.08.2021

MB Sample Id: 7718836-1-BLK

LCS Sample Id: 7718836-1-BKS

LCSD Sample Id: 7718836-1-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	0.0932	93	0.0937	94	70-130	1	35	mg/kg	01.09.2021 20:52	
Toluene	<0.00200	0.100	0.0896	90	0.0912	91	70-130	2	35	mg/kg	01.09.2021 20:52	
Ethylbenzene	<0.00200	0.100	0.0927	93	0.0952	95	70-130	3	35	mg/kg	01.09.2021 20:52	
m,p-Xylenes	<0.00400	0.200	0.184	92	0.189	95	70-130	3	35	mg/kg	01.09.2021 20:52	
o-Xylene	<0.00200	0.100	0.0940	94	0.0962	96	70-130	2	35	mg/kg	01.09.2021 20:52	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	90		98		98		70-130	%	01.09.2021 20:52
4-Bromofluorobenzene	106		100		99		70-130	%	01.09.2021 20:52

Analytical Method: BTEX by EPA 8021B

Seq Number: 3147235

Matrix: Solid

Prep Method: SW5035A

Date Prep: 01.08.2021

MB Sample Id: 7718793-1-BLK

LCS Sample Id: 7718793-1-BKS

LCSD Sample Id: 7718793-1-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	0.0954	95	0.0890	89	70-130	7	35	mg/kg	01.08.2021 23:04	
Toluene	<0.00200	0.100	0.0906	91	0.0844	84	70-130	7	35	mg/kg	01.08.2021 23:04	
Ethylbenzene	<0.00200	0.100	0.0916	92	0.0860	86	70-130	6	35	mg/kg	01.08.2021 23:04	
m,p-Xylenes	<0.00400	0.200	0.182	91	0.171	86	70-130	6	35	mg/kg	01.08.2021 23:04	
o-Xylene	<0.00200	0.100	0.0923	92	0.0868	87	70-130	6	35	mg/kg	01.08.2021 23:04	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	91		98		97		70-130	%	01.08.2021 23:04
4-Bromofluorobenzene	104		96		103		70-130	%	01.08.2021 23:04

Analytical Method: BTEX by EPA 8021B

Seq Number: 3147458

Matrix: Solid

Prep Method: SW5035A

Date Prep: 01.11.2021

MB Sample Id: 7718938-1-BLK

LCS Sample Id: 7718938-1-BKS

LCSD Sample Id: 7718938-1-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	0.0818	82	0.0820	82	70-130	0	35	mg/kg	01.11.2021 11:54	
Toluene	<0.00200	0.100	0.0884	88	0.0925	93	70-130	5	35	mg/kg	01.11.2021 11:54	
Ethylbenzene	<0.00200	0.100	0.0903	90	0.0934	93	70-130	3	35	mg/kg	01.11.2021 11:54	
m,p-Xylenes	<0.00400	0.200	0.180	90	0.188	94	70-130	4	35	mg/kg	01.11.2021 11:54	
o-Xylene	<0.00200	0.100	0.0926	93	0.0982	98	70-130	6	35	mg/kg	01.11.2021 11:54	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	79		95		103		70-130	%	01.11.2021 11:54
4-Bromofluorobenzene	127		108		124		70-130	%	01.11.2021 11:54

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



Tetra Tech- Midland Domino 3rd Party Dump

Analytical Method: BTEX by EPA 8021B

Seq Number: 3147311

Matrix: Soil

Prep Method: SW5035A

Date Prep: 01.08.2021

Parent Sample Id: 683982-021

MS Sample Id: 683982-021 S

MSD Sample Id: 683982-021 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	0.0990	0.0172	17	0.0300	30	70-130	54	35	mg/kg	01.10.2021 05:14	XF
Toluene	<0.00198	0.0990	0.0185	19	0.0352	35	70-130	62	35	mg/kg	01.10.2021 05:14	XF
Ethylbenzene	<0.00198	0.0990	0.0195	20	0.0342	34	70-130	55	35	mg/kg	01.10.2021 05:14	XF
m,p-Xylenes	<0.00396	0.198	0.0246	12	0.0636	32	70-130	88	35	mg/kg	01.10.2021 05:14	XF
o-Xylene	<0.00198	0.0990	0.0244	25	0.0411	41	70-130	51	35	mg/kg	01.10.2021 05:14	XF

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	88		106		70-130	%	01.10.2021 05:14
4-Bromofluorobenzene	88		115		70-130	%	01.10.2021 05:14

Analytical Method: BTEX by EPA 8021B

Seq Number: 3147312

Matrix: Soil

Prep Method: SW5035A

Date Prep: 01.08.2021

Parent Sample Id: 683982-051

MS Sample Id: 683982-051 S

MSD Sample Id: 683982-051 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0994	0.0324	33	0.0279	28	70-130	15	35	mg/kg	01.09.2021 10:38	X
Toluene	<0.00199	0.0994	0.0350	35	0.0341	34	70-130	3	35	mg/kg	01.09.2021 10:38	X
Ethylbenzene	<0.00199	0.0994	0.0390	39	0.0398	40	70-130	2	35	mg/kg	01.09.2021 10:38	X
m,p-Xylenes	<0.00398	0.199	0.0831	42	0.0827	41	70-130	0	35	mg/kg	01.09.2021 10:38	X
o-Xylene	<0.00199	0.0994	0.0442	44	0.0450	45	70-130	2	35	mg/kg	01.09.2021 10:38	X

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	91		92		70-130	%	01.09.2021 10:38
4-Bromofluorobenzene	114		111		70-130	%	01.09.2021 10:38

Analytical Method: BTEX by EPA 8021B

Seq Number: 3147313

Matrix: Soil

Prep Method: SW5035A

Date Prep: 01.08.2021

Parent Sample Id: 683982-001

MS Sample Id: 683982-001 S

MSD Sample Id: 683982-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0994	0.0359	36	0.0266	27	70-130	30	35	mg/kg	01.09.2021 21:33	X
Toluene	<0.00199	0.0994	0.0404	41	0.0304	31	70-130	28	35	mg/kg	01.09.2021 21:33	X
Ethylbenzene	<0.00199	0.0994	0.0454	46	0.0350	35	70-130	26	35	mg/kg	01.09.2021 21:33	X
m,p-Xylenes	<0.00398	0.199	0.0901	45	0.0685	34	70-130	27	35	mg/kg	01.09.2021 21:33	X
o-Xylene	<0.00199	0.0994	0.0515	52	0.0414	42	70-130	22	35	mg/kg	01.09.2021 21:33	X

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	88		85		70-130	%	01.09.2021 21:33
4-Bromofluorobenzene	113		113		70-130	%	01.09.2021 21:33

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

Tetra Tech- Midland

Domino 3rd Party Dump

Analytical Method: BTEX by EPA 8021B

Seq Number: 3147235

Parent Sample Id: 683472-011

Matrix: Solid

MS Sample Id: 683472-011 S

Prep Method: SW5035A

Date Prep: 01.08.2021

MSD Sample Id: 683472-011 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00202	0.101	0.0752	74	0.0743	74	70-130	1	35	mg/kg	01.08.2021 23:45	
Toluene	<0.00202	0.101	0.0723	72	0.0704	70	70-130	3	35	mg/kg	01.08.2021 23:45	
Ethylbenzene	<0.00202	0.101	0.0742	73	0.0717	72	70-130	3	35	mg/kg	01.08.2021 23:45	
m,p-Xylenes	<0.00404	0.202	0.147	73	0.141	71	70-130	4	35	mg/kg	01.08.2021 23:45	
o-Xylene	<0.00202	0.101	0.0729	72	0.0698	70	70-130	4	35	mg/kg	01.08.2021 23:45	

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	97		97		70-130	%	01.08.2021 23:45
4-Bromofluorobenzene	99		101		70-130	%	01.08.2021 23:45

Analytical Method: BTEX by EPA 8021B

Seq Number: 3147458

Parent Sample Id: 683982-004

Matrix: Soil

MS Sample Id: 683982-004 S

Prep Method: SW5035A

Date Prep: 01.11.2021

MSD Sample Id: 683982-004 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	0.0630	63	0.0733	73	70-130	15	35	mg/kg	01.11.2021 12:45	X
Toluene	<0.00200	0.100	0.0586	59	0.0849	85	70-130	37	35	mg/kg	01.11.2021 12:45	XF
Ethylbenzene	<0.00200	0.100	0.0601	60	0.0852	85	70-130	35	35	mg/kg	01.11.2021 12:45	X
m,p-Xylenes	<0.00400	0.200	0.120	60	0.170	85	70-130	34	35	mg/kg	01.11.2021 12:45	X
o-Xylene	<0.00200	0.100	0.0628	63	0.0917	92	70-130	37	35	mg/kg	01.11.2021 12:45	XF

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	100		97		70-130	%	01.11.2021 12:45
4-Bromofluorobenzene	76		127		70-130	%	01.11.2021 12:45

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

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

Page 1 of 7

Client Name: EOG		Site Manager: Mike Carmona	
Project Name: Domino 3rd Party Dump		Project #: 212C-MD-02362	
Project Location: (county, state) Eddy County, New Mexico		Invoice to: Todd Wells	
Receiving Laboratory: Xenico		Sampler Signature: Devin Dominguez	
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)		
		DATE	TIME	WATER	SOIL	HCL	HNO ₃			ICE	None
	Bottomhole-1 (1.5')	1/5/2021		X				X		1	N
	Bottomhole-2 (1.5')	1/5/2021		X				X		1	N
	Bottomhole-3 (1.5')	1/5/2021		X				X		1	N
	Bottomhole-4 (1.5')	1/5/2021		X				X		1	N
	Bottomhole-5 (1.5')	1/5/2021		X				X		1	N
	Bottomhole-6 (1.5')	1/5/2021		X				X		1	N
	Bottomhole-7 (1.5')	1/5/2021		X				X		1	N
	Bottomhole-8 (1.5')	1/5/2021		X				X		1	N
	Bottomhole-9 (1.5')	1/5/2021		X				X		1	N
	Bottomhole-10 (1.5')	1/5/2021		X				X		1	N

LAB USE ONLY	BTX 8021B	BTX 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		

Relinquished by:	Date: 1/8/21	Time: 1:18 PM
Relinquished by:	Date: 1-8-21	Time: 1:30 PM
Relinquished by:	Date:	Time:
Received by:	Date:	Time:

Relinquished by:	Date:	Time:
Received by:	Date:	Time:

ORIGINAL COPY

(Circled) HAND DELIVERED FEDEX UPS Tracking #: 40

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

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

Page 2 of 7

Client Name: EOG		Site Manager: Mike Carmona	
Project Name: Domino 3rd Party Dump			
Project Location: Eddy County, New Mexico		Project #: 212C-MD-02362	
Invoice to: Todd Wells			
Receiving Laboratory: Xenco		Sampler Signature: Devin Dominguez	
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD			# CONTAINERS	FILTERED (Y/N)	
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE			None
	Bottomhole-11 (1.5')	1/5/2021		X				X		1	N
	Bottomhole-12 (1.5')	1/5/2021		X				X		1	N
	Bottomhole-13 (2.5')	1/6/2021		X				X		1	N
	Bottomhole-14 (2.5')	1/6/2021		X				X		1	N
	Bottomhole-15 (2.5')	1/6/2021		X				X		1	N
	Bottomhole-16 (2.5')	1/6/2021		X				X		1	N
	Bottomhole-17 (2')	1/6/2021		X				X		1	N
	Bottomhole-18 (2')	1/6/2021		X				X		1	N
	Bottomhole-19 (2')	1/6/2021		X				X		1	N
	Bottomhole-20 (2')	1/6/2021		X				X		1	N

Retinquished by:	Date: 11/8/21	Time: 1:30
Retinquished by:	Date: 1-8-21	Time: 1:30
Retinquished by:	Date:	Time:
Received by:	Date:	Time:

LAB USE ONLY	REMARKS:
☒ RUSH: Same Day 24 hr 48 hr 72 hr	☐ STANDARD
☐ Push Charges Authorized	
☐ Special Report Limits or TRRP Report	

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(Circle or Specify Method No.)

1083982

(Circle) HAND DELIVERED ☐ FEDEX ☐ UPS ☐ Tracking #:

40

☐ Special Report Limits or TRRP Report

Analysis Request of Chain of Custody Record

Page 3 of 7



Tetra Tech, Inc.

 900 West Wall Street, Ste 100
 Midland, Texas 79701
 Tel (432) 682-4539
 Fax (432) 682-3946

Client Name:

EOG

Site Manager:

Mike Carmona

Project Name:

Domino 3rd Party Dump

Project Location:

Eddy County, New Mexico

Project #:

212C-MD-02362

Invoice to:

Todd Wells

Receiving Laboratory:

Xenco

Sampler Signature:

Devin Dominguez

Comments:

LAB #
(LAB USE ONLY)

SAMPLE IDENTIFICATION

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD					# CONTAINERS	FILTERED (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	Bottomhole-21 (2')	1/6/2021		X				X			1	N	X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

Relinquished by:

Date: Time:

Received by:

Date: Time:

Relinquished by:

Date: Time:

Received by:

Date: Time:

Relinquished by:

Date: Time:

Received by:

Date: Time:

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ANALYSIS REQUEST

(Circle or Specify Method No.)

483982

LAB USE ONLY

REMARKS:

STANDARD

Sample Temperature

☒ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

40

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

Analysis Request of Chain of Custody Record

Page 4 of 7



Tetra Tech, Inc.

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

Client Name: EOG Site Manager: Mike Carmona

Project Name: Domino 3rd Party Dump

Project Location: Eddy County, New Mexico Project #: 212C-MD-02362

Invoice to: Todd Wells

Receiving Laboratory: Xenco Sampler Signature: Devin Dominguez

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)	ANALYSIS REQUEST (Circle or Specify Method No.)
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None			
	Bottomhole-31 (2')	1/6/2021		X				X		1	N	BTEX 8021B BTEX 8260B
	Bottomhole-32 (2')	1/6/2021		X				X		1	N	TPH TX1005 (Ext to C35)
	Bottomhole-33 (2')	1/6/2021		X				X		1	N	TPH 8015M (GRO - DRO - ORO - MRO)
	Bottomhole-34 (2.5')	1/6/2021		X				X		1	N	PAH 8270C
	Bottomhole-35 (2.5')	1/6/2021		X				X		1	N	Total Metals Ag As Ba Cd Cr Pb Se Hg
	Bottomhole-36 (2.5')	1/6/2021		X				X		1	N	TCLP Metals Ag As Ba Cd Cr Pb Se Hg
	Bottomhole-37 (2.5')	1/6/2021		X				X		1	N	TCLP Volatiles
	Bottomhole-38 (2.5')	1/6/2021		X				X		1	N	TCLP Semi Volatiles
	Bottomhole-39 (2.5')	1/6/2021		X				X		1	N	RCI
	Bottomhole-40 (2.5')	1/6/2021		X				X		1	N	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

ANALYSIS REQUEST

(Circle or Specify Method No.)

U83982

11/6/21

Date: Time:

Received by:

Date: Time:

1-8-22 13:20

REMARKS:

STANDARD

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

46

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	
Client Name: EOG	
Project Name: Domino 3rd Party Dump	
Project Location: Eddy County, New Mexico	
Invoice to: Todd Wells	
Receiving Laboratory: Xenco	
Comments:	
Site Manager: Mike Carmona	
Project #: 212C-MD-02362	
Sampler Signature: Devin Dominguez	
LAB # (LAB USE ONLY)	
SAMPLE IDENTIFICATION	
DATE	
TIME	
WATER	
SOIL	
HCL	
HNO3	
ICE	
None	
# CONTAINERS	
FILTERED (Y/N)	
BTEX 8021B BTEX 8260B	
TPH TX1005 (Ext to C35)	
TPH 8015M (GRO - DRO - ORO - MRO)	
PAH 8270C	
Total Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Volatiles	
TCLP Semi Volatiles	
RCI	
GC/MS Vol. 8260B / 624	
GC/MS Semi. Vol. 8270C/625	
PCB's 8082 / 608	
NORM	
PLM (Asbestos)	
Chloride	
Chloride Sulfate TDS	
General Water Chemistry (see attached list)	
Anion/Cation Balance	
TPH 8015R	
Hold	
LAB USE ONLY	
REMARKS:	
STANDARD	
RUSH: Same Day 24 hr 48 hr 72 hr	
Rush Charges Authorized	
Special Report Limits or TRAP Report	

Analysis Request of Chain of Custody Record

Page 6 of 7



Tetra Tech, Inc.

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

Client Name:

EOG

Site Manager:

Mike Carmona

Project Name:

Domino 3rd Party Dump

Project Location:
(county, state)

Eddy County, New Mexico

Project #:

212C-MD-02362

Invoice to:

Todd Wells

Receiving Laboratory:

Xenco

Sampler Signature:

Devin Dominguez

Comments:

SAMPLE IDENTIFICATION

LAB #
(LAB USE ONLY)SAMPLING
YEAR: 2021DATE
TIMEWATER
SOILPRESERVATIVE
METHODHCL
HNO₃
ICE
None# CONTAINERS
FILTERED (Y/N)

BTEX 8021B BTEX 8260B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO - MRO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

TPH 8015R

Hold

ANALYSIS REQUEST

(Circle or Specify Method No.)

1083982

Relinquished by:

Date: Time:

11/8/21

Relinquished by:

Date: Time:

Relinquished by:

Date: Time:

Received by:

Date: Time:

Received by:

Date: Time:

Received by:

Date: Time:

LAB USE ONLY

REMARKS:

STANDARD

BUSH: Same Day 24 hr 48 hr 72 hr

Push Charges Authorized

Special Report Limits or TRRP Report

40

(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

Page 7 of 7

Client Name: EOG		Site Manager: Mike Carmona	
Project Name: Domino 3rd Party Dump		Project #: 212C-MD-02362	
Project Location: Eddy County, New Mexico		Invoice to: Todd Wells	
Receiving Laboratory: Xenco		Sampler Signature: Devin Dominguez	
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION		SAMPLING		MATRIX					PRESERVATIVE METHOD					# CONTAINERS	FILTERED (Y/N)
	DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None								
									YEAR: 2021							
	SW-16	1/6/2021		X			X							1	N	
	SW-17	1/6/2021		X			X							1	N	
	SW-18	1/6/2021		X			X							1	N	
	SW-19	1/6/2021		X			X							1	N	
	SW-20	1/6/2021		X			X							1	N	
	SW-21	1/6/2021		X			X							1	N	
	SW-22	1/6/2021		X			X							1	N	
	SW-23	1/6/2021		X			X							1	N	
	SW-24	1/6/2021		X			X							1	N	
	SW-25	1/6/2021		X			X							1	N	

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

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

ORIGINAL COPY

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Date/ Time Received: 01.08.2021 01.00.00 PM

Work Order #: 683982

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR8

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 BTEX was in bulk container
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	N/A
#18 Water VOC samples have zero headspace?	N/A

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

Analyst:

PH Device/Lot#:

Checklist completed by:



Brianna Teel

Date: 01.08.2021

Checklist reviewed by:



Jessica Kramer

Date: 01.11.2021

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Robert Hamlet Date: 11/24/2021

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

Closure Approved by: Robert Hamlet Date: 11/24/2021

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

District I

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

District II

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

District III

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

District IV

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

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

CONDITIONS

Action 43437

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 43437
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NRM2034954593 DOMINO AOJ FEDERAL BATTERY, thank you. This closure is approved.	11/24/2021