Form C-141
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State of New Mexico
Oil Conservation Division

Incident ID	nVV2003435771
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?	325 (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.

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State of New Mexico
Oil Conservation Division

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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: Kyle Littrell Title: Environmental Supervisor

Signature: Date: 10-7-16

email: Kyle_Littrell@xtoenergy.com Telephone: 432-221-7331

OCD Only

Received by: Date:

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State of New Mexico
Oil Conservation Division

Incident ID	nVV2003435771
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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.***

[X] A scaled site and sampling diagram as described in 19.15.29.11 NMAC

[X] 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)

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

[X] 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: Kyle Littrell Title: Environmental Supervisor

Signature: Date: 10-7-20

email: kyle-littrell@xtoenergy.com Telephone: 432-221-7331

OCD Only

Received by: Chad Hensley Date: 12/22/2021

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: Chad Hensley Date: 12/22/2021

Printed Name: Chad Hensley Title: Environmental Specialist Advanced

Released to Imaging: 12/22/2021 9:51:56 AM
Received by OCD: 11/30/2021 8:18:07 AM

Tracking Number: nVV2003435771
PRELIMINARY CLOSURE REPORT
Brushy Draw
Produced Water Spill
Eddy County, New Mexico

Latitude: North 32.105264°
Longitude: West -103.836581°

LAI Project No. 20-0100-01

July 29, 2020

Prepared for:
Select Energy Services, LLC
5721 NW 132nd Street
Oklahoma City, OK 73142

Prepared by:
Larson & Associates, Inc.
507 North Marienfeld Street, Suite 202
Midland, Texas 79701

Mark J. Larson, P.G.
Certified Professional Geologist #10490

Robert Nelson
Sr. Geoscientist

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1.0 INTRODUCTION

Larson & Associates Inc. (LAI) has prepared this closure report on behalf of Select Energy Services (Select) for submittal to the New Mexico Oil Conservation Division (OCD) District 2 for a produced water release at the Brushy Draw (Site) located in Unit M, Section 25, Township 25 South, Range 30 East in Eddy County, New Mexico. The geodetic position is North 32.105264 and West -103.836581. Figure 1 presents a topographic map. Figure 2 presents an aerial map.

1.1 Background

The release occurred on January 12, 2020, due to an equipment failure in the flow line injection allowing for approximately 777 barrels (bbls) of produced water to be released into the nearby pasture. Approximately 130 bbls were recovered. The spill area measured approximately 59,107 square feet. The initial C-141 was submitted to OCD District office II in Artesia, New Mexico on January 13, 2020 and assigned incident number nVV2003435771.

1.2 Physical Setting

The physical setting is as follows:

- The surface elevation is approximately 3,342 feet above mean sea level (msl);
- The topography slopes gently to the southwest;
- There are no surface water features within 1,000 feet of the Site;
- The soils are designated as Simona-Bippus complex and Tonuco loamy fine sand, 0 to 5 percent slopes, consisting of 0 to 15 inches of gravelly or fine sandy loam underlain by 15 to 23 inches of indurated soil;
- The geology is Quaternary age sand and silt deposited in sheets, and locally includes cover sand;
- Groundwater occurs at approximately 325 feet below ground surface (bgs)(2015);
- According to the United States Geologic Survey (USGS) the nearest groundwater well is located in Unit M (SE/4, NE/4), Section 13, Township 25 South, Range 30 East, approximately 1.31 miles or 6,939 feet northwest of the Site.

1.3 Remediation Action Levels

The following remediation standards are based on closure criteria for soils impacted by a release as presented in Table 1 of 19.15.29 NMAC:

- Benzene 10 mg/Kg
- BTEX 50 mg/Kg
- TPH 2,500 mg/Kg
- Chloride 10,000 mg/Kg

Further, 19.15.29.13 NMAC (Restoration, Reclamation and Re-Vegetation) requires the operator to restore the impacted surface area that existed prior to the release or their final land use.

2.0 DELINEATION

On January 14, 2020, LAI personnel collected soil samples from nine (9) locations within the spill area (S-1 through S-9) and four (4) locations outside of the spill area (S-10 through S-14) in each cardinal direction (north, east, south, west) using a stainless steel hand auger. The samples were collected at a depth of approximately 0.5 and 1 foot below ground surface (bgs). The soil samples were delivered under preservation and chain of custody to Permian Basin Environmental Laboratory (PBEL) in Midland, Texas. All Samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), total petroleum hydrocarbons (TPH) by EPA SW-846 Methods 8021B and 8015M, chloride by EPA Method 300. Benzene, BTEX, and TPH were reported below the OCD delineation limits of 10 mg/Kg, 50 mg/Kg, and 100 mg/Kg respectively, in Table 1 (19.15.29 NMAC). Chloride reported above the delineation limit of 600 mg/Kg in the following samples:

S-1 (0 – 0.5') 741 mg/Kg
S-5(0 – 0.5') 2,560 mg/Kg
S-5(0.5 – 1) 3,450 mg/Kg
S-6(0 – 0.5) 3,900 mg/Kg
S-6(0.5 – 1) 3,510 mg/Kg
S-7(0 – 0.5) 4,880 mg/Kg
S-7(0.5 – 1) 4,030 mg/Kg
S-8(0 – 0.5) 2,830 mg/Kg
S-8(0.5 – 1) 849 mg/Kg
S-9(0 – 0.5) 4,100 mg/Kg
S-9(0.5 – 1) 3,530 mg/Kg

On January 30 and 31, 2020, LAI personnel used a Geoprobe® 7822 DT direct push rig to collect soil samples at nine (9) locations (S-2 through S-9 and S-11). The samples were collected in 2-foot intervals, depending on subsurface conditions, to approximately 10 feet bgs. The samples were analyzed for BTEX and TPH by EPA SW-846 Methods 8021B and 8015M, and chloride by EPA Method 300. Laboratory analysis reported chloride concentrations above 600 mg/Kg in the following samples.

S-5(1.5') 2,110 mg/Kg
S-6(1.5) 1,750 mg/Kg
S-9(3) 1,080 mg/Kg

On June 3, 2020, P2 Construction, Inc. (P2), under supervision from LAI utilized a track hoe to further delineate sample locations S-5, S-6, and S-9. The samples were collected at depths of 5, 7, and 10 feet bgs and analyzed for chloride by EPA Method 300. Laboratory analysis reported chloride concentrations below 600 mg/Kg in all sample locations.

Table 1 presents the delineation soil sample analytical data summary. Figure 2 presents an aerial map with soil sample locations.

3.0 REMEDIATION

During May 2020, P2 used a track hoe to excavate soil from an area measuring approximately 62,610 square feet encompassing delineation samples S-1 and S-7 through S-8 to a depth of approximately 2 feet BGS and S-5 through S-6 and S-9 to a depth of approximately 4.1 feet BGS. Contaminated soil was stockpiled within the excavation and later transported to Lea Land Disposal facility located off US Highway 62/180 between Hobbs and Carlsbad, New Mexico.

nVV2003435771
Closure Report
Brushy Draw Produced Water Release
July 29, 2020

On May 20, 22, and 26 through 28, 2020, LAI personnel collected two hundred and seventy (270) five-point composite confirmation soil samples from the sidewalls (north, east, south, and west) and bottom of the excavation. The samples were delivered under preservation and chain of custody to PBEL and were analyzed for BTEX, TPH and chloride by EPA SW-846 Methods 8021B, 8015M and Method 300, respectively. All confirmation soil samples reported benzene and BTEX below the OCD remediation levels. Chloride and TPH reported above OCD remediation levels in the following confirmation samples.

Sample ID, (Depth)	Chloride Concentration (mg/Kg)	TPH concentration (mg/Kg)
C-3, 0-4’	--	125
C-8, 0-4’	3,940	--
C-16, 0-2’	798	--
C-17, 0-2’	819	--
C-18, 0-2’	806	--
C-55, 2’	1,780	--
C-57, 2’	--	300
C-58, 2’	745	--
C-63, 2’	816	--
C-64, 2’	--	235
C-65, 2’	--	133
C-66, 2’	4,210	--
C-69, 2’	1,380	133
C-70, 2’	3,840	--
C-71, 2’	5,000	--
C-72, 2’	2,320	--
C-73, 2’	796	--
C-89, 0-4’	905	--
C-91, 0-4’	682	--
C-96, 0-4’	1,020	--
C-192, 2’	616	--
C-193, 2’	885	--
C-194, 2’	863	166
C-196, 2’	605	--
C-199, 2’	1,260	--
C-200, 2’	771	223
C-201, 2’	5,250	--
C-202, 2	11,600	251
C-203, 2’	1,680	--
C-204, 2’	1,480	--
C-205, 2’	1,910	--
C-206, 2’	2,040	184
C-207, 2’	1,980	--
C-208, 2’	1,050	--
C-213, 2’	--	28,700
C-217, 2’	1,140	--
C-221, 2’	876	--
C-228, 2’	1,090	--
C-232, 2’	1,200	--

On June 8, 12, and 19, 2020, P2 excavated soil between two (2) and four (4) feet depending on chloride concentration, from the sidewalls around confirmation soil samples C-3, C-8, C-16 through C-18, C-69 through C-73, C-89, C-91, C-96, C-213. Additionally, P2 excavated soil to 2.1 feet below the bottom of confirmation soil samples C-37, C-55, C-57, C-58, C-63 through C-66, C-192 through C-194, C-196, C-199, C-200 through C-208, C-217, C-221, C-228, and C-232. Laboratory analysis of composite soil samples reported BTEX, TPH, and chloride in all samples below the OCD remediation action levels. Approximately 9,220 cubic yards of soil were disposed at Lea Land Disposal facility. Appendix A presents the waste manifests.

LAI personnel collected forty-eight (48) composite samples of clean topsoil and caliche from the nearby XTO Sonic pit. TPH was below the method reporting limits in the backfill composite samples, chloride was less 600 mg/Kg, Benzene and BTEX were below 10 mg/Kg and 50 mg/Kg, respectively. Table 2 presents the confirmation soil analytical data summary. Figure 3 through 6 presents the excavations and confirmation sample locations. Appendix B presents laboratory reports. Appendix C presents photographs.

The excavations were backfilled with caliche to 1-foot BGS and to ground surface with clean sand (topsoil) from the XTO Sonic pit. While backfilling, XTO placed six (6) flowlines within the excavation preventing its completion for the purpose of supplying fresh water to a nearby rig. Soil was stockpiled adjacent to the excavation and upon removal of the flowlines backfill will be completed. The size of the area remaining to be backfilled measures approximately 966 square feet. On July 28, 2020, LAI personnel seeded the backfilled areas with BLM Mix No 2. Figure 7 presents an aerial map showing the remaining backfill area.

4.0 CLOSURE REQUEST

Select Energy requests no further action for nVV2003435771.

Tables

Table 1

Soil Sample Analytical Data Summary

Select Energy Services, Brushy Draw Produced Water Release, XTO Energy

Eddy County, New Mexico

North 32 06' 18.95", West 103 50' 11.69"

Sample	Depth (Feet)	Collection Date	Status	Benzene 10	BTEX 50	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Cl- (mg/Kg)
Remediation Level:									**100 / 2,500**	**600 /10000**
S-1	0 - 0.5	1/14/2020	In-Situ	<0.00106	<0.00637	<26.6	<26.6	<26.6	<26.6	**741**
	0.5 - 1	1/14/2020	In-Situ	<0.00109	<0.00653	<27.2	<27.2	<27.2	<27.2	465
S-2	0 - 0.5	1/14/2020	In-Situ	<0.00106	<0.00637	<26.6	<26.6	<26.6	<26.6	153
	0.5 - 1	1/14/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	233
	2	1/30/2020	In-Situ	<0.00106	<0.00637	<26.6	40.9	<26.6	40.9	171
S-3	0 - 0.5	1/14/2020	In-Situ	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	84.4
	0.5 - 1	1/14/2020	In-Situ	<0.00108	<0.00647	<26.9	<26.9	<26.9	<26.9	134
	1.5	1/30/2020	In-Situ	<0.00108	<0.00647	<26.9	<26.9	<26.9	<26.9	35.8
S-4	0 - 0.5	1/14/2020	In-Situ	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	75.7
	0.5 - 1	1/14/2020	In-Situ	<0.00109	<0.00653	<27.2	<27.2	<27.2	<27.2	77.5
	2.5	1/31/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	38.5
S-5	0 - 0.5	1/14/2020	In-Situ	<0.00109	<0.00653	<27.2	<27.2	<27.2	<27.2	**2,560**
	0.5 - 1	1/14/2020	In-Situ	<0.00108	<0.00645	<26.9	<26.9	<26.9	<26.9	**3,450**
	1.5	1/31/2020	In-Situ	<0.00109	<0.00653	<27.2	<27.2	<27.2	<27.2	**2,110**
	5	6/3/2020	In-Situ	--	--	--	--	--	--	70.5
	7	6/3/2020	In-Situ	--	--	--	--	--	--	74.9
	10	6/3/2020	In-Situ	--	--	--	--	--	--	417
S-6	0 - 0.5	1/14/2020	In-Situ	<0.00109	<0.00653	<27.2	<27.2	<27.2	<27.2	**3,900**
	0.5 - 1	1/14/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	**3,510**
	1.5	1/31/2020	In-Situ	<0.00109	<0.00653	<27.2	<27.2	<27.2	<27.2	**1,750**
	5	6/3/2020	In-Situ	--	--	--	--	--	--	22.4

Table 1

Soil Sample Analytical Data Summary

Select Energy Services, Brushy Draw Produced Water Release, XTO Energy

Eddy County, New Mexico

North 32 06' 18.95", West 103 50' 11.69"

Sample	Depth (Feet)	Collection Date	Status	Benzene 10	BTEX 50	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Cl- (mg/Kg)
Remediation Level:									**100 / 2,500**	**600 /10000**
	7	6/3/2020	In-Situ	--	--	--	--	--	--	239
	10									103
S-7	0 - 0.5	1/14/2020	In-Situ	<0.00111	<0.00555	<27.8	<27.8	<27.8	<27.8	**4,880**
	0.5 - 1	1/14/2020	In-Situ	<0.00128	<0.00640	<32.1	<32.1	<32.1	<32.1	**4,030**
	1	1/31/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	532
	3	1/31/2020	In-Situ	<0.00123	<0.00739	<30.9	<30.9	<30.9	<30.9	112
	5	1/31/2020	In-Situ	<0.00106	<0.00637	<26.6	<26.6	<26.6	<26.6	38.3
S-8	0 - 0.5	1/14/2020	In-Situ	<0.00106	<0.00637	<26.6	<26.6	<26.6	<26.6	**2,830**
	0.5 - 1	1/14/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	**849**
	2	1/31/2020	In-Situ	<0.00116	<0.00697	<29.1	<29.1	<29.1	<29.1	17.1
S-9	0 - 0.5	1/14/2020	In-Situ	<0.00108	<0.00645	<26.9	<26.9	<26.9	<26.9	**4,100**
	0.5 - 1	1/14/2020	In-Situ	<0.00109	<0.00653	<27.2	<27.2	<27.2	<27.2	**3,530**
	3	1/31/2020	In-Situ	<0.00114	<0.00683	<28.4	<28.4	<28.4	<28.4	**1,080**
	5	6/3/2020	In-Situ	--	--	--	--	--	--	7.53
	7	6/3/2020	In-Situ	--	--	--	--	--	--	6.16
	10	6/3/2020	In-Situ	--	--	--	--	--	--	7.76
S-10	0 - 0.5	1/14/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	11.9
	0.5 - 1	1/14/2020	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	13.2
S-11	0 - 0.5	1/14/2020	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	117
	0.5 - 1	1/14/2020	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	173
	2	1/31/2020	In-Situ	<0.00108	<0.00645	<26.9	<26.9	<26.9	<26.9	5.34
S-12	0 - 0.5	1/14/2020	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	10.8

Table 1

Soil Sample Analytical Data Summary

Select Energy Services, Brushy Draw Produced Water Release, XTO Energy

Eddy County, New Mexico

North 32 06' 18.95", West 103 50' 11.69"

Sample	Depth (Feet)	Collection Date	Status	Benzene 10	BTEX 50	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Cl- (mg/Kg)
Remediation Level:									**100 / 2,500**	**600 /10000**
	0.5 - 1	1/14/2020	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	12.6
S-13	0 - 0.5	1/14/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	28.2
	0.5 - 1	1/14/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	29.0

Notes: Analysis performed by Permian Basin Environmental Laboratory

Depth in feet below ground surface (bgs)

mg/Kg: milligrams per kilogram equivalent to parts per million (ppm)

<: denotes concentration less than analytical method reporting limit

Bold and Highlighted exceeds OCD remediation action limits

Table 2

Confirmation Soil Sample Analytical Data Summary

Select Energy Services, Brushy Draw Produced Water Release, XTO Energy

Eddy County, New Mexico

North 32° 06' 18.95" West 103° 50' 11.69"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
RAL:					**10**	**50**				**100/2,500**	**600/10,000**
C-1	**Sidewall West**	0 - 4	5/20/2020	In-Situ	0.00225	0.00448	<25.0	<25.0	<25.0	<25.0	2.70
C-2	**Sidewall West**	0 - 4	5/20/2020	In-Situ	0.00200	0.00483	<25.0	<25.0	<25.0	<25.0	2.17
C-3	**Sidewall West**	0 - 4	5/20/2020	Excavated	<0.00100	0.01293	<25.0	74.0	51.0	**125**	5.01
				In-Situ	<0.00105	0.01218	<26.3	<26.3	<26.3	<26.3	27.4
C-4	**Sidewall South**	0 - 4	5/20/2020	In-Situ	<0.00100	<0.00340	<25.0	<25.0	<25.0	<25.0	4.40
C-5	**Sidewall South**	0 - 4	5/20/2020	In-Situ	<0.00100	0.00117	<25.0	<25.0	<25.0	<25.0	10.4
C-6	**Sidewall South**	0 - 4	5/20/2020	In-Situ	<0.00100	0.00279	<25.0	<25.0	<25.0	<25.0	7.35
C-7	**Sidewall South**	0 - 4	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	5.47
C-8	**Sidewall South**	0 - 4	5/20/2020	Excavated	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	**3,940**
				In-Situ	<0.00103	0.01297	<25.8	<25.8	<25.8	<25.8	17.2
C-9	**Sidewall South**	0 - 4	5/20/2020	In-Situ	<0.00100	<0.00107	<25.0	<25.0	<25.0	<25.0	170
C-10	**Sidewall South**	0 - 4	5/20/2020	In-Situ	<0.00100	0.00111	<25.0	<25.0	<25.0	<25.0	31.8
C-11	**Sidewall South**	0 - 2	5/20/2020	In-Situ	<0.00100	0.00103	<25.0	<25.0	<25.0	<25.0	23.1
C-12	**Sidewall South**	0 - 2	5/20/2020	In-Situ	<0.00101	<0.00606	<25.0	<25.0	<25.0	<25.0	39.7
C-13	**Sidewall South**	0 - 2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	68.6
C-14	**Sidewall South**	0 - 2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	38.8	<25.0	38.8	62.5
C-15	**Sidewall South**	0 - 2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	64.3
C-16	**Sidewall East**	0 - 2	5/20/2020	Excavated	<0.00100	<0.00600	<25.0	71.3	32.0	103	**798**
			6/8/2020	In-Situ	<0.00106	0.01294	<26.6	<26.6	<26.6	<26.6	153
C-17	**Sidewall East**	0 - 2	5/20/2020	Excavated	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	**819**
			6/8/2020	In-Situ	<0.00105	0.01893	<26.3	<26.3	<26.3	<26.3	524
C-18	**Sidewall East**	0 - 2	5/20/2020	Excavated	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	**806**
			6/8/2020	In-Situ	<0.00103	<0.01417	<25.8	<25.8	<25.8	<25.8	12.1
C-19	**Sidewall East**	0 - 2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	116
C-20	**Sidewall North**	0 - 2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	124
C-21	**Sidewall North**	0 - 2	5/20/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	107
C-22	**Sidewall North**	0 - 2	5/20/2020	In-Situ	<0.00100	<0.00133	<25.0	<25.0	<25.0	<25.0	52.0
C-23	**Sidewall North**	0 - 2	5/20/2020	In-Situ	<0.00100	<0.00103	<25.0	<25.0	<25.0	<25.0	17.8
		4.1	2/4/2020	In-Situ	<0.00199	<0.00199	<49.8	<49.8	<49.8	<49.8	3,730.0
C-24	**Sidewall North**	0 - 2	5/20/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	29.8

Table 2

Confirmation Soil Sample Analytical Data Summary

Select Energy Services, Brushy Draw Produced Water Release, XTO Energy

Eddy County, New Mexico

North 32° 06' 18.95" West 103° 50' 11.69"

C-25	**Sidewall North**	0 - 4	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	56.8	<25.0	56.8	33.3
C-26	**Sidewall North**	0 - 4	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	17.8
C-27	**Sidewall North**	0 - 4	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	71.6
C-28	**Sidewall North**	0 - 4	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	11.4
C-29	**Sidewall North**	0 - 4	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	14.1
C-30	**Sidewall North**	0 - 4	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	13.0
C-31	**Sidewall North**	0 - 4	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	164
C-32	**Bottom**	4.1	5/20/2020	In-Situ	<0.00100	0.00162	<25.0	<25.0	<25.0	<25.0	76.3
C-33	**Bottom**	4.1	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	38.7
C-34	**Bottom**	4.1	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	241
C-35	**Bottom**	4.1	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	23.9
C-36	**Bottom**	4.1	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	17.8
C-37	**Bottom**	4.1	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	959
C-38	**Bottom**	4.1	5/20/2020	In-Situ	<0.00101	<0.00606	<25.0	<25.0	<25.0	<25.0	185
C-39	**Bottom**	4.1	5/20/2020	In-Situ	<0.00100	<0.00606	<25.0	<25.0	<25.0	<25.0	45.2
C-40	**Bottom**	4.1	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	59.6
C-41	**Bottom**	4.1	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	91.5
C-42	**Bottom**	4.1	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	249
C-43	**Bottom**	4.1	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	136
C-44	**Bottom**	4.1	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	211
C-45	**Bottom**	4.1	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	57.6
C-46	**Bottom**	2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	115
C-47	**Bottom**	2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	108
C-48	**Bottom**	2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	73.7
C-49	**Bottom**	2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	6.08
C-50	**Bottom**	2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	32.4
C-51	**Bottom**	2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	291
C-52	**Bottom**	2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	75.8
C-53	**Bottom**	2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	37.4
C-54	**Bottom**	2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	42.4
C-55	**Bottom**	2	5/20/2020	Excavated	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	**1,780**
		4.1	6/19/2020	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	73.6
C-56	**Bottom**	2	5/20/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	98.8
C-57	**Bottom**	2	5/20/2020	Excavated	<0.00100	<0.00600	<25.0	184	115	**300**	172
		4.1	6/19/2020	In-Situ	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	13.4

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North 32° 06' 18.95" West 103° 50' 11.69"

C-58	**Bottom**	2	5/20/2020	Excavated	<0.00100	<0.00600	<25.0	35.9	<25.0	35.9	**745**
		4.1	6/19/2020	In-Situ	0.00204	0.00204	<50.0	<50.0	<50.0	<50.0	106
C-59	**Bottom**	2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	69.8
C-60	**Bottom**	2	5/20/2020	In-Situ	<0.00102	0.00127	<25.5	<25.5	<25.5	<25.5	97.7
C-61	**Bottom**	2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	171
C-62	**Bottom**	2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	133
C-63	**Bottom**	2	5/20/2020	Excavated	<0.00100	<0.00117	<25.0	34.9	<25.0	34.9	**816**
		4.1	6/19/2020	In-Situ	<0.00198	<0.00198	<49.8	<49.8	<49.8	<49.8	295
C-64	**Bottom**	2	5/20/2020	Excavated	<0.00100	<0.00600	<25.0	147	87.2	**235**	454
		4.1	6/19/2020	In-Situ	0.00449	0.00449	<50.0	<50.0	<50.0	<50.0	28.6
C-65	**Bottom**	2	5/20/2020	Excavated	<0.00101	<0.00606	<25.3	81.5	52.0	**133**	586
		4.1	6/19/2020	In-Situ	0.00218	0.00218	<49.8	<49.8	<49.8	<49.8	41
C-66	**Bottom**	2	5/20/2020	Excavated	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	**4,210**
		4.1	6/19/2020	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	534
C-67	**Bottom**	2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	159
C-68	**Bottom**	2	5/20/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	63.1
C-69	**Sidewall East**	0-4	5/22/2020	Excavated	<0.00101	<0.00606	<25.3	101	31.7	**133**	**1,380**
			6/12/2020	In-Situ	<0.00103	<0.02163	<25.8	<25.8	<25.8	<25.8	97.5
C-70	**Sidewall East**	0-4	5/22/2020	Excavated	<0.00100	<0.00600	<25.0	27.9	<25.0	27.9	**3,840**
			6/12/2020	In-Situ	<0.00104	<0.02188	<26.0	<26.0	<26.0	<26.0	32.9
C-71	**Sidewall East**	0-4	5/22/2020	Excavated	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	**5,000**
			6/12/2020	In-Situ	<0.00103	<0.02163	<25.8	<25.8	<25.8	<25.8	79.9
C-72	**Sidewall East**	0-4	5/22/2020	Excavated	<0.00108	<0.00647	<26.9	<26.9	<26.9	<26.9	**2,320**
			6/12/2020	In-Situ	<0.00108	<0.0226	<26.9	<26.9	<26.9	<26.9	422
C-73	**Sidewall East**	0-4	5/22/2020	Excavated	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	**796**
			6/12/2020	In-Situ	<0.00104	<0.02188	<26.0	<26.0	<26.0	<26.0	14
C-74	**Sidewall East**	0-4	5/22/2020	In-Situ	<0.00100	0.00237	<25.0	<25.0	<25.0	<25.0	12.5
C-75	**Sidewall East**	0-4	5/26/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	560
C-76	**Bottom**	4.1	5/26/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	6,240
C-77	**Bottom**	4.1	5/26/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	2,460
C-78	**Bottom**	4.1	5/26/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	430

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North 32° 06' 18.95" West 103° 50' 11.69"

C-79	**Bottom**	4.1	5/26/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	1,020
C-80	**Sidewall West**	0 - 4	5/26/2020	In-Situ	<0.00102	<0.00606	<25.5	<25.5	<25.5	<25.5	74.7
C-81	**Sidewall West**	0 - 4	5/26/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	13.3
C-82	**Sidewall West**	0 - 4	5/26/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	186
C-83	**Sidewall West**	0 - 4	5/26/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	25.2
C-84	**Sidewall West**	0 - 4	5/26/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	14.4
C-85	**Sidewall West**	0 - 4	5/26/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	117
C-86	**Sidewall West**	0 - 4	5/26/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	10.6
C-87	**Sidewall West**	0 - 4	5/26/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	65.4
C-88	**Sidewall West**	0 - 4	5/26/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	36.6
C-89	**Sidewall West**	0 - 4	5/26/2020	Excavated	<0.00102	<0.00606	<25.5	<25.5	<25.5	<25.5	**905**
		0 - 4	6/19/2020	In-Situ	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	27.5
C-90	**Sidewall West**	0 - 4	5/26/2020	In-Situ	<0.00119	<0.00714	<29.8	<29.8	<29.8	<29.8	218
C-91	**Sidewall West**	0 - 4	5/26/2020	Excavated	<0.00105	<0.00630	<26.3	<26.3	<26.3	<26.3	**682**
		0 - 4	6/19/2020	In-Situ	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	96.5
C-92	**Sidewall West**	0 - 4	5/26/2020	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	239
C-93	**Sidewall West**	0 - 4	5/26/2020	In-Situ	<0.00105	<0.00630	<26.3	<26.3	<26.3	<26.3	257
C-94	**Sidewall West**	0 - 4	5/26/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	434
C-95	**Sidewall West**	0 - 4	5/26/2020	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	361
C-96	**Sidewall South**	0 - 4	5/26/2020	Excavated	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	**1,020**
		0 - 4	6/19/2020	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	15.1
C-97	**Sidewall South**	0 - 4	5/26/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	51.8
C-98	**Sidewall South**	0 - 4	5/26/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	8.51
C-99	**Sidewall South**	0 - 4	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	74.1
C-100	**Sidewall South**	0 - 4	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	5.62
C-101	**Sidewall South**	0 - 4	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	21.4
C-102	**Sidewall South**	0 - 4	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	7.26
C-103	**Sidewall South**	0 - 4	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	38.5
C-104	**Sidewall South**	0 - 4	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	65.7
C-105	**Sidewall South**	0 - 4	5/27/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	26.8
C-106	**Sidewall South**	0 - 4	5/27/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	16.1

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North 32° 06' 18.95" West 103° 50' 11.69"

C-107	**Sidewall South**	0 - 4	5/27/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	5.76
C-108	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	416
C-109	**Bottom**	4.1	5/27/2020	In-Situ	<0.00112	<0.00672	<28.1	<28.1	<28.1	<28.1	1,280
C-110	**Bottom**	4.1	5/27/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	89.6
C-111	**Bottom**	4.1	5/27/2020	In-Situ	<0.00109	<0.00654	<27.2	<27.2	<27.2	<27.2	19.9
C-112	**Bottom**	4.1	5/27/2020	In-Situ	<0.00143	<0.00858	<35.7	<35.7	<35.7	<35.7	33.3
C-113	**Bottom**	4.1	5/27/2020	In-Situ	<0.00101	0.00193	<25.3	<25.3	<25.3	<25.3	80.6
C-114	**Bottom**	4.1	5/27/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	84.2
C-115	**Bottom**	4.1	5/27/2020	In-Situ	<0.00108	0.00113	<26.9	71.1	38.3	109	210
C-116	**Bottom**	4.1	5/27/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	20.9
C-117	**Bottom**	4.1	5/27/2020	In-Situ	<0.00125	<0.00750	<31.2	<31.2	<31.2	<31.2	54.9
C-118	**Bottom**	4.1	5/27/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	73.3
C-119	**Bottom**	4.1	5/27/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	66.8
C-120	**Bottom**	4.1	5/27/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	55.5
C-121	**Bottom**	4.1	5/27/2020	In-Situ	<0.00108	<0.00648	<26.9	<26.9	<26.9	<26.9	291
C-122	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	182
C-123	**Bottom**	4.1	5/27/2020	In-Situ	<0.00132	<0.00792	<32.9	80.8	43.8	125	470
C-124	**Bottom**	4.1	5/27/2020	In-Situ	<0.00132	0.0032	<32.9	<32.9	<32.9	<32.9	852
C-125	**Bottom**	4.1	5/27/2020	In-Situ	<0.00101	<0.00606	<25.3	26.6	<25.3	26.6	114
C-126	**Bottom**	4.1	5/27/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	529
C-127	**Bottom**	4.1	5/27/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	160
C-128	**Bottom**	4.1	5/27/2020	In-Situ	<0.00101	<0.00606	<25.3	70.7	30.4	101	118
C-129	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	35.3	<25.0	35.3	303
C-130	**Bottom**	4.1	5/27/2020	In-Situ	<0.00130	0.00191	<32.5	57.5	<32.5	57.5	201
C-131	**Bottom**	4.1	5/27/2020	In-Situ	<0.00122	<0.00732	<30.5	57.4	<30.5	57.4	508
C-132	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	84.8
C-133	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	2,140
C-134	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	266
C-135	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	194
C-136	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	0.00117	<25.0	<25.0	<25.0	<25.0	156
C-137	**Bottom**	4.1	5/27/2020	In-Situ	<0.00101	<0.00606	25.3	<25.3	<25.3	25.3	90.6

Table 2

Confirmation Soil Sample Analytical Data Summary

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Eddy County, New Mexico

North 32° 06' 18.95" West 103° 50' 11.69"

C-138	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	91.4
C-139	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	32.0
C-140	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	0.00607	<25.0	<25.0	<25.0	<25.0	103
C-141	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	29.3
C-142	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	167	79.6	247	97.9
C-143	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	135	55.6	191	264
C-144	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	49.8	<25.0	49.8	521
C-145	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	58.1	<25.0	58.1	464
C-146	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	31.9	<25.0	31.9	228
C-147	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	156	73.7	229	478
C-148	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	78.3	35	113	761
C-149	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	0.00181	<25.0	131	62.0	193	361
C-150	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	158	72.8	231	351
C-151	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	111	51.2	162	109
C-152	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	43.7
C-153	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	81.0	39.0	120	210
C-154	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	0.00236	26.8	<25.0	<25.0	26.8	20.7
C-155	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	122
C-156	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	29.1	<25.0	29.1	108
C-157	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	122
C-158	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	176
C-159	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	40.0
C-160	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	557
C-161	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	1,020
C-162	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	0.00231	<25.0	40	35.8	76.2	536
C-163	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	314
C-164	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	44.4	35.4	79.8	77.9
C-165	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	39.00	<25.0	39.0	340
C-166	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	189
C-167	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	88.9	64.7	154	194
C-168	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	69.9	53.6	124	310

Table 2

Confirmation Soil Sample Analytical Data Summary

Select Energy Services, Brushy Draw Produced Water Release, XTO Energy

Eddy County, New Mexico

North 32° 06' 18.95" West 103° 50' 11.69"

C-169	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	41.1	<25.0	41.1	162
C-170	**Bottom**	4.1	5/27/2020	In-Situ	<0.00116	<0.00696	32.6	<29.1	<29.1	32.6	241
C-171	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	0.02518	<25.0	<25.0	<25.0	<25.0	160
C-172	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	0.00134	<25.0	40.4	<25.0	40.4	184
C-173	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	79.2	51.3	131	285
C-174	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	0.00117	<25.0	<25.0	<25.0	<25.0	68.1
C-175	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	0.00104	<25.0	<25.0	<25.0	<25.0	53.9
C-176	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	129
C-177	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	0.00101	<25.0	<25.0	<25.0	<25.0	98.8
C-178	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	28.2	54.5	51.5	134	422
C-179	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	0.00243	30.2	33.6	31.8	95.6	299
C-180	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	28.0	<25.0	<25.0	28.00	340
C-181	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	31.9	<25.0	<25.0	31.9	288
C-182	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	31.6	42.4	42.7	117	573
C-183	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	31.6	<25.0	<25.0	31.6	322
C-184	**Bottom**	2	5/27/2020	In-Situ	<0.00100	<0.00600	29.8	<25.0	<25.0	<25.0	262
C-185	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	25.2	<25.0	<25.0	<25.0	30.3
C-186	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	26.4	<25.0	<25.0	<25.0	38.2
C-187	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	0.00153	31.00	<25.0	<25.0	31.0	226
C-188	**Bottom**	4.1	5/27/2020	In-Situ	<0.00101	<0.00606	27.9	<25.3	<25.3	27.9	311
C-189	**Bottom**	4.1	5/27/2020	In-Situ	<0.00101	<0.00606	34.1	<25.3	<25.3	34.1	222
C-190	**Bottom**	4.1	5/27/2020	In-Situ	<0.00101	<0.00606	35.6	<25.3	<25.3	35.6	943
C-191	**Bottom**	4.1	5/27/2020	In-Situ	<0.00100	<0.00600	40.8	<25.0	<25.0	40.8	173
C-192	**Bottom**	2	5/27/2020	Excavated	<0.00100	0.00105	29.1	<25.0	<25.0	29.1	**616**
		4.1	6/19/2020	In-Situ	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	598
C-193	**Bottom**	2	5/27/2020	Excavated	<0.00100	<0.00600	32.1	<25.0	<25.0	32.1	**885**
		4.1	6/19/2020	In-Situ	0.0021	0.0021	<49.9	<49.9	<49.9	<49.9	677
C-194	**Bottom**	2	5/28/2020	Excavated	<0.00101	<0.00606	34.7	68.9	62.3	**166**	**863**
		4.1	6/19/2020	In-Situ	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	105
C-195	**Bottom**	2	5/28/2020	In-Situ	<0.00100	<0.00600	38.5	<25.0	<25.0	38.5	505
C-196	**Bottom**	2	5/28/2020	Excavated	<0.00100	<0.00600	29.2	<25.0	<25.0	29.2	**605**

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Confirmation Soil Sample Analytical Data Summary

Select Energy Services, Brushy Draw Produced Water Release, XTO Energy

Eddy County, New Mexico

North 32° 06' 18.95" West 103° 50' 11.69"

		4.1	6/19/2020	In-Situ	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	880
C-197	**Bottom**	2	5/28/2020	In-Situ	<0.00102	<0.00612	33.9	<25.5	<25.5	33.9	197
C-198	**Bottom**	2	5/28/2020	In-Situ	<0.00100	<0.00600	<25.0	37.2	<25.0	37.2	58.3
C-199	**Bottom**	2	5/28/2020	Excavated	<0.00100	0.00121	<25.0	<25.0	<25.0	<25.0	**1,260**
		4.1	6/19/2020	In-Situ	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	591
C-200	**Bottom**	2	5/28/2020	Excavated	<0.00101	<0.00606	<25.3	143	79.8	**223**	**771**
		4.1	6/19/2020	In-Situ	<0.00202	<0.00202	<49.8	<49.8	<49.8	<49.8	467
C-201	**Bottom**	2	5/28/2020	Excavated	<0.00101	<0.00606	<25.3	25.6	<25.3	25.6	**5,250**
		4.1	6/19/2020	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	108
C-202	**Bottom**	2	5/28/2020	Excavated	<0.00104	<0.00624	<26.0	164	86.6	**251**	**11,600**
		4.1	6/19/2020	In-Situ	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	438
C-203	**Bottom**	2	5/28/2020	Excavated	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	**1,680**
		4.1	6/19/2020	In-Situ	<0.00202	<0.00202	<49.9	<49.9	<49.9	<49.9	419
C-204	**Bottom**	2	5/28/2020	Excavated	<0.00102	<0.00612	<25.5	47.2	<25.5	47.2	**1,480**
		4.1	6/19/2020	In-Situ	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	518
C-205	**Bottom**	2	5/28/2020	Excavated	<0.00101	<0.00606	26.2	29.2	<25.3	55.4	**1,910**
		4.1	6/19/2020	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	1,650
C-206	**Bottom**	2	5/28/2020	Excavated	<0.00101	<0.00606	<25.3	121	63.9	**184**	**2,040**
		4.1	6/19/2020	In-Situ	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	178
C-207	**Bottom**	2	5/28/2020	Excavated	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	**1,980**
		4.1	6/19/2020	In-Situ	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	267
C-208	**Bottom**	2	5/28/2020	Excavated	<0.00100	<0.00600	<25.0	68.9	<25.0	68.9	**1,050**
		4.1	6/19/2020	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	163
C-209	**Bottom**	2	5/28/2020	In-Situ	<0.00100	<0.00600	<25.0	41.9	<25.0	41.9	442
C-210	**Sidewall North**	0 -2	5/28/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	6.32
C-211	**Sidewall North**	0 -2	5/28/2020	In-Situ	<0.00103	<0.00618	28.8	<25.8	<25.8	28.8	3.8
C-212	**Sidewall North**	0 -2	5/28/2020	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	5.56
C-213	**Sidewall North**	0 -2	5/28/2020	Excavated	<0.00105	0.01213	4,790	23,900	<263	**28,700**	97.2
		0 -2	6/12/2020	In-Situ	<0.00103	<0.02163	<25.8	<25.8	<25.8	<25.8	309
C-214	**Sidewall East**	0 -2	5/28/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	240
C-215	**Sidewall East**	0 -2	5/28/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	87.8

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North 32° 06' 18.95" West 103° 50' 11.69"

C-216	**Sidewall East**	0 -2	5/28/2020	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	311
C-217	**Bottom**	2	5/28/2020	Excavated	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	**1,140**
		4.1	6/12/2020	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	57.4
C-218	**Bottom**	2	5/28/2020	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	183
C-219	**Bottom**	4.1	5/28/2020	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	158
C-220	**Bottom**	2	5/28/2020	In-Situ	<0.00101	0.00117	27.4	39.4	<25.3	66.7	204
C-221	**Bottom**	2	5/28/2020	Excavated	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	**876**
		4.1	6/12/2020	In-Situ	<0.00109	<0.02281	<27.2	<27.2	<27.2	<27.2	27.2
C-222	**Bottom**	2	5/28/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	138
C-223	**Sidewall West**	0 - 2	5/28/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	19.1
C-224	**Bottom**	2	5/28/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	312
C-225	**Bottom**	2	5/28/2020	In-Situ	<0.00102	<0.00612	29.9	30.00	<25.5	59.9	102
C-226	**Bottom**	2	5/28/2020	In-Situ	<0.00101	<0.00606	27.9	29.0	<25.3	56.8	37.3
C-227	**Bottom**	2	5/28/2020	In-Situ	<0.00101	<0.00606	25.6	<25.3	<25.3	25.3	430
C-228	**Bottom**	2	5/28/2020	Excavated	<0.00100	<0.00600	27.8	43.8	<25.0	71.6	**1,090**
		4.1	6/12/2020	In-Situ	<0.00106	<0.02234	<26.6	<26.6	<26.6	<26.6	18.4
C-229	**Bottom**	4	5/28/2020	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	3,250
C-230	**Bottom**	2	5/28/2020	In-Situ	<0.00100	0.00119	<25.0	<25.0	<25.0	<25.0	62.4
C-231	**Bottom**	4.1	5/28/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	41.2
C-232	**Bottom**	2	5/28/2020	Excavated	<0.00101	<0.00606	<25.3	<25.3	64.8	64.8	**1,200**
		4.1	6/12/2020	In-Situ	<0.00103	<0.02163	<25.8	<25.8	<25.8	<25.8	27.1
C-233	**Bottom**	4.1	5/28/2020	In-Situ	<0.00101	<0.00606	27.4	29.8	<25.3	57.2	248
C-234	**Bottom**	4.1	5/28/2020	In-Situ	<0.00104	<0.01041	<26.0	<26.0	<26.0	<26.0	5,310
C-235	**Bottom**	4.1	5/28/2020	In-Situ	<0.00101	<0.0101	<25.3	<25.3	<25.3	<25.3	76.9
C-236	**Bottom**	4.1	5/28/2020	In-Situ	<0.00101	<0.0101	<25.3	<25.3	<25.3	<25.3	5.54
C-237	**Bottom**	4.1	5/28/2020	In-Situ	<0.00100	<0.0100	<25.0	<25.0	<25.0	<25.0	24.4
C-238	**Bottom**	4.1	5/28/2020	In-Situ	<0.00100	<0.0100	<25.0	<25.0	<25.0	<25.0	10.7
C-239	**Bottom**	4.1	5/28/2020	In-Situ	<0.00101	<0.0101	44.4	64.9	35.4	145	20.1
C-240	**Bottom**	4.1	5/28/2020	In-Situ	<0.00100	<0.0100	<25.0	<25.0	<25.0	<25.0	47.1
C-241	**Bottom**	4.1	5/28/2020	In-Situ	<0.00100	<0.0100	<25.0	<25.0	<25.0	<25.0	22.2
C-242	**Bottom**	4.1	5/28/2020	In-Situ	<0.00100	<0.0100	<25.0	<25.0	<25.0	<25.0	14.7

Table 2

Confirmation Soil Sample Analytical Data Summary

Select Energy Services, Brushy Draw Produced Water Release, XTO Energy

Eddy County, New Mexico

North 32° 06' 18.95" West 103° 50' 11.69"

C-243	**Bottom**	4.1	5/28/2020	In-Situ	<0.00100	<0.0100	<25.0	<25.0	<25.0	<25.0	32.6
C-244	**Bottom**	4.1	5/28/2020	In-Situ	<0.00100	<0.0100	<25.0	<25.0	<25.0	<25.0	151
C-245	**Bottom**	4.1	5/28/2020	In-Situ	<0.00105	<0.01052	<26.3	<26.3	<26.3	<26.3	406
C-246	**Bottom**	4.1	5/28/2020	In-Situ	<0.00108	<0.00647	<26.9	<26.9	<26.9	<26.9	1,790
C-247	**Bottom**	4.1	5/28/2020	In-Situ	<0.00100	<0.0100	<25.0	<25.0	<25.0	<25.0	1,260
C-248	**Bottom**	4.1	5/28/2020	In-Situ	<0.00100	<0.0100	<25.0	<25.0	<25.0	<25.0	74.5
C-249	**Bottom**	4.1	5/28/2020	In-Situ	<0.00100	<0.0100	<25.0	<25.0	<25.0	<25.0	15.2
C-250	**Bottom**	4.1	5/28/2020	In-Situ	<0.00101	<0.0101	<25.3	<25.3	<25.3	<25.3	22.0
C-251	**Bottom**	4.1	5/28/2020	In-Situ	<0.00100	<0.0100	<25.0	<25.0	<25.0	<25.0	45.2
C-252	**Bottom**	4.1	5/28/2020	In-Situ	<0.00101	<0.0101	<25.3	<25.3	<25.3	<25.3	28.1
C-253	**Bottom**	4.1	5/28/2020	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	18.9
C-254	**Bottom**	4.1	5/28/2020	In-Situ	<0.00101	<0.0101	<25.3	37.8	<25.3	37.8	21.5
C-255	**Bottom**	4.1	5/28/2020	In-Situ	<0.00100	<0.0100	<25.0	<25.0	<25.0	<25.0	33.9
C-256	**Bottom**	4.1	5/28/2020	In-Situ	<0.00101	<0.0101	<25.3	<25.3	<25.3	<25.3	101
C-257	**Bottom**	4.1	5/28/2020	In-Situ	<0.00100	<0.0100	<25.0	<25.0	<25.0	<25.0	22.0
C-258	**Bottom**	4.1	5/28/2020	In-Situ	<0.00101	<0.0101	<25.3	<25.3	<25.3	<25.3	23.7
C-259	**Bottom**	4.1	5/28/2020	In-Situ	<0.0103	<0.00618	<25.8	<25.8	<25.8	<25.8	297
C-260	**Bottom**	4.1	5/28/2020	In-Situ	<0.00101	<0.0101	<25.3	<25.3	<25.3	<25.3	164
C-261	**Bottom**	4.1	5/28/2020	In-Situ	<0.00105	<0.01052	<26.3	<26.3	<26.3	<26.3	46.3
C-262	**Bottom**	4.1	5/28/2020	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	43.2
C-263	**Bottom**	4.1	5/28/2020	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	11.2
C-264	**Bottom**	4.1	5/28/2020	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	15.7
C-265	**Bottom**	4.1	5/28/2020	In-Situ	<0.00106	<0.00637	<26.6	<26.6	<26.6	<26.6	8.83
C-266	**Bottom**	4.1	5/28/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	2.92
C-267	**Bottom**	4.1	5/28/2020	In-Situ	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	40.1
C-268	**Bottom**	4.1	5/28/2020	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	99.9
C-269	**Bottom**	4.1	5/28/2020	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	134
C-270	**Bottom**	4.1	5/28/2020	In-Situ	<0.00106	<0.00108	<26.6	<26.6	<26.6	<26.6	35.5
S-1, Caliche	--	--	6/17/2020	In-Situ	<0.00201	0.00234	<50.0	<50.0	<50.0	<50.0	36.2
S-2, Caliche	--	--	6/17/2020	In-Situ	<0.00199	0.00316	<49.9	<49.9	<49.9	<49.9	31.1
S-3, Caliche	--	--	6/17/2020	In-Situ	<0.00201	0.00403	<50.0	<50.0	<50.0	<50.0	27.4

Table 2

Confirmation Soil Sample Analytical Data Summary

Select Energy Services, Brushy Draw Produced Water Release, XTO Energy

Eddy County, New Mexico

North 32° 06' 18.95" West 103° 50' 11.69"

S-4, Caliche	--	--	6/17/2020	In-Situ	<0.00200	0.00437	<50.0	<50.0	<50.0	<50.0	41.8
S-5, Caliche	--	--	6/17/2020	In-Situ	<0.00199	0.00318	<49.9	<49.9	<49.9	<49.9	39.7
S-6, Caliche	--	--	6/17/2020	In-Situ	<0.00201	0.00303	<49.8	<49.8	<49.8	<49.8	59.7
S-7, Caliche	--	--	6/17/2020	In-Situ	<0.00198	0.00462	<50.0	<50.0	<50.0	<50.0	51.0
S-8, Caliche	--	--	6/17/2020	In-Situ	<0.00200	0.00331	<49.9	<49.9	<49.9	<49.9	35.7
S-9, Caliche	--	--	6/17/2020	In-Situ	<0.00201	0.00327	<50.0	<50.0	<50.0	<50.0	64.4
S-10, Caliche	--	--	6/17/2020	In-Situ	<0.00200	0.00254	<49.9	<49.9	<49.9	<49.9	35.2
S-11, Caliche	--	--	6/17/2020	In-Situ	<0.00200	0.00254	<49.8	<49.8	<49.8	<49.8	9.50
S-12, Caliche	--	--	6/17/2020	In-Situ	<0.00202	0.00398	<50.0	<50.0	<50.0	<50.0	14.2
S-13, Caliche	--	--	6/17/2020	In-Situ	<0.00199	0.00366	<50.0	<50.0	<50.0	<50.0	25.3
S-14, Caliche	--	--	6/17/2020	In-Situ	<0.00199	0.00251	<49.8	<49.8	<49.8	<49.8	41.8
S-15, Caliche	--	--	6/17/2020	In-Situ	<0.00202	0.00217	<50.0	<50.0	<50.0	<50.0	11.2
S-16, Caliche	--	--	6/17/2020	In-Situ	<0.00201	<0.00201	<49.9	<49.9	<49.9	<49.9	42.6
S-17, Caliche	--	--	6/17/2020	In-Situ	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	28.8
S-18, Caliche	--	--	6/17/2020	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	26.1
S-19, Caliche	--	--	6/17/2020	In-Situ	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	49.5
S-20, Caliche	--	--	6/17/2020	In-Situ	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	40.1
S-21, Caliche	--	--	6/17/2020	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	7.41
S-22,Caliche	--	--	6/17/2020	In-Situ	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	15.1
S-23, Caliche	--	--	6/17/2020	In-Situ	<0.00199	<0.00199	<49.8	<49.8	<49.8	<49.8	21.2
S-24, Caliche	--	--	6/17/2020	In-Situ	<0.00200	0.00240	<50.0	<50.0	<50.0	<50.0	32.7
S-25, Caliche	--	--	6/17/2020	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	16.2
S-26, Caliche	--	--	6/17/2020	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	15.3
S-27, Caliche	--	--	6/17/2020	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	36.4
S-28, Caliche	--	--	6/17/2020	In-Situ	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	21.8
S-29, Caliche	--	--	6/17/2020	In-Situ	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	17.7
S-30, Caliche	--	--	6/17/2020	In-Situ	<0.00200	0.00280	<49.8	<49.8	<49.8	<49.8	28.8
S-31, Caliche	--	--	6/17/2020	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	148
S-32, Caliche	--	--	6/17/2020	In-Situ	<0.00199	0.00259	<49.9	<49.9	<49.9	<49.9	308
S-33, Caliche	--	--	6/17/2020	In-Situ	<0.00199	0.00288	<49.8	<49.8	<49.8	<49.8	8.64
S-34, Caliche	--	--	6/17/2020	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	258

Table 2

Confirmation Soil Sample Analytical Data Summary

Select Energy Services, Brushy Draw Produced Water Release, XTO Energy

Eddy County, New Mexico

North 32° 06' 18.95" West 103° 50' 11.69"

S-35, Caliche	--	--	6/17/2020	In-Situ	<0.00199	0.00287	<50.0	<50.0	<50.0	<50.0	18.1
S-36, Caliche	--	--	6/17/2020	In-Situ	<0.00198	0.00322	<49.9	<49.9	<49.9	<49.9	10.1
S-37, Topsoil	--	--	6/17/2020	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	8.70
S-38, Topsoil	--	--	6/17/2020	In-Situ	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	8.12
S-39, Topsoil	--	--	6/17/2020	In-Situ	<0.00200	0.00411	<50.0	<50.0	<50.0	<50.0	6.96
S-40, Topsoil	--	--	6/17/2020	In-Situ	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	7.22
S-41, Topsoil	--	--	6/17/2020	In-Situ	<0.00202	0.00398	<50.0	<50.0	<50.0	<50.0	8.88
S-42, Topsoil	--	--	6/17/2020	In-Situ	<0.00201	0.00221	<49.9	<49.9	<49.9	<49.9	8.09
S-43, Topsoil	--	--	6/17/2020	In-Situ	<0.00201	0.00302	<50.0	<50.0	<50.0	<50.0	6.57
S-44, Topsoil	--	--	6/17/2020	In-Situ	<0.00199	0.00234	<49.9	<49.9	<49.9	<49.9	6.59
S-45, Topsoil	--	--	6/17/2020	In-Situ	<0.00200	0.00858	<50.0	<50.0	<50.0	<50.0	7.61
S-46, Topsoil	--	--	6/17/2020	In-Situ	<0.00198	0.00253	<50.0	<50.0	<50.0	<50.0	7.50
S-47, Topsoil	--	--	6/17/2020	In-Situ	<0.00198	0.00509	<49.9	<49.9	<49.9	<49.9	6.49
S-48, Topsoil	--	--	6/17/2020	In-Situ	<0.00200	0.00225	<49.8	<49.8	<49.8	<49.8	7.17

Notes: Analysis performed by Permian Basin Environmental Lab (PBEL) and Xenco Laboratories (Xenco), Midland, Texas by EPA SW-846 Methods 8021B (BTEX) and 8015M (TPH), andMethod 300 (chloride)

Depth in feet below ground surface (bgs)

mg/Kg: milligrams per kilogram equivalent to parts per million (ppm)

<: denotes concentration less than analytical method reporting limit

Bold and Highlighted exceeds OCD remediation action limits

Figures

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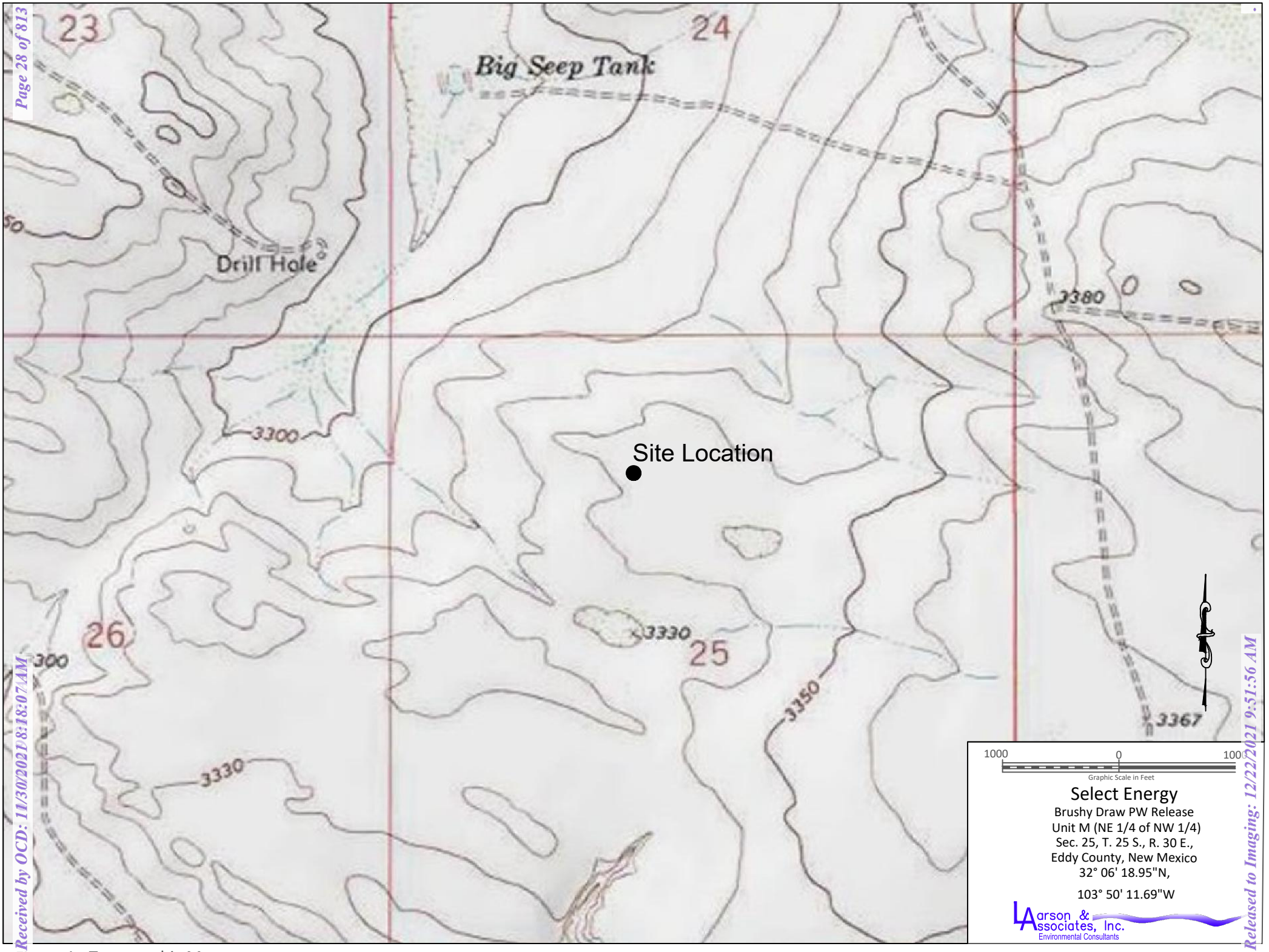

Figure 1 - Topographic Map

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

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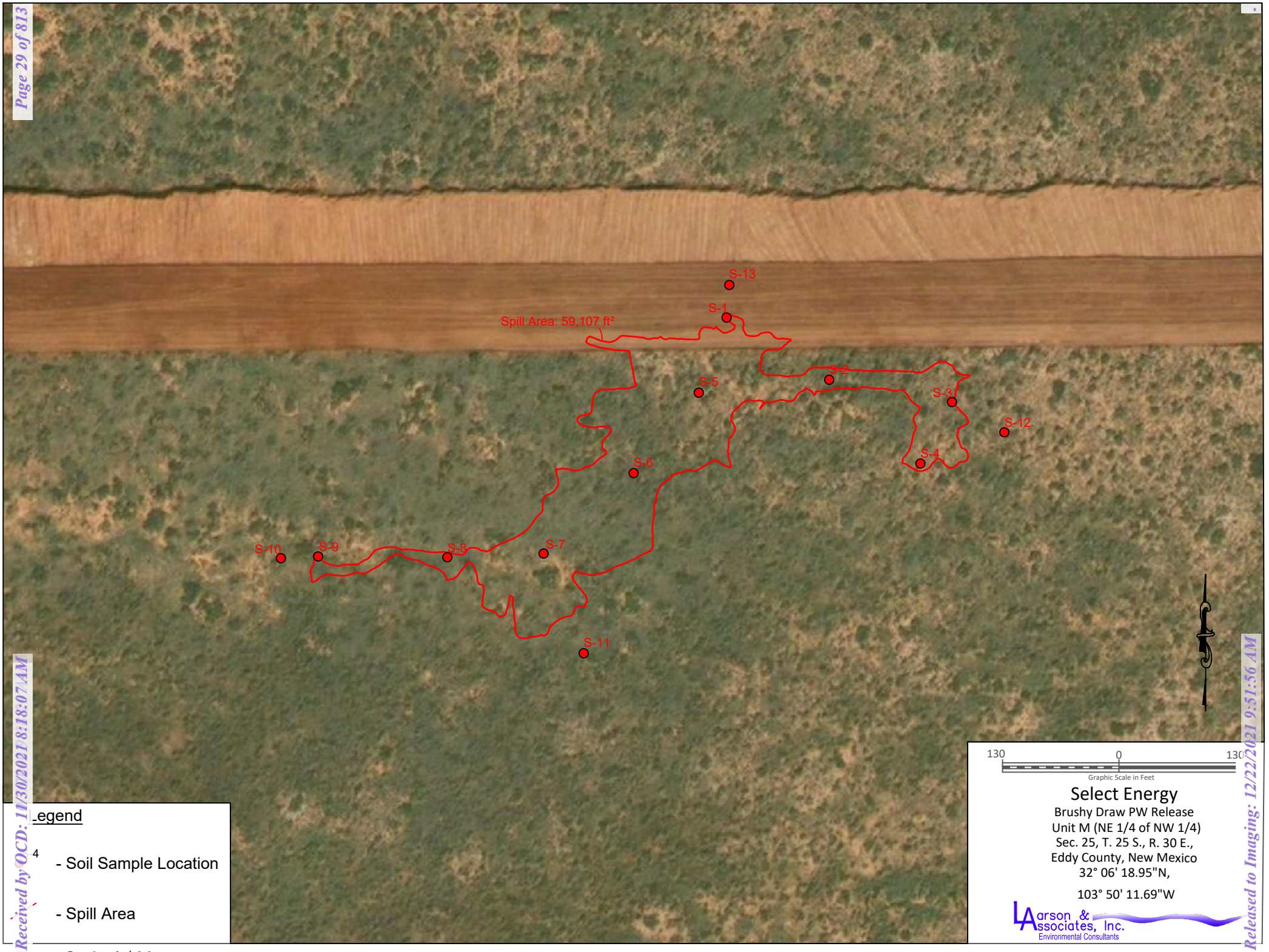

Figure 2 - Aerial Map

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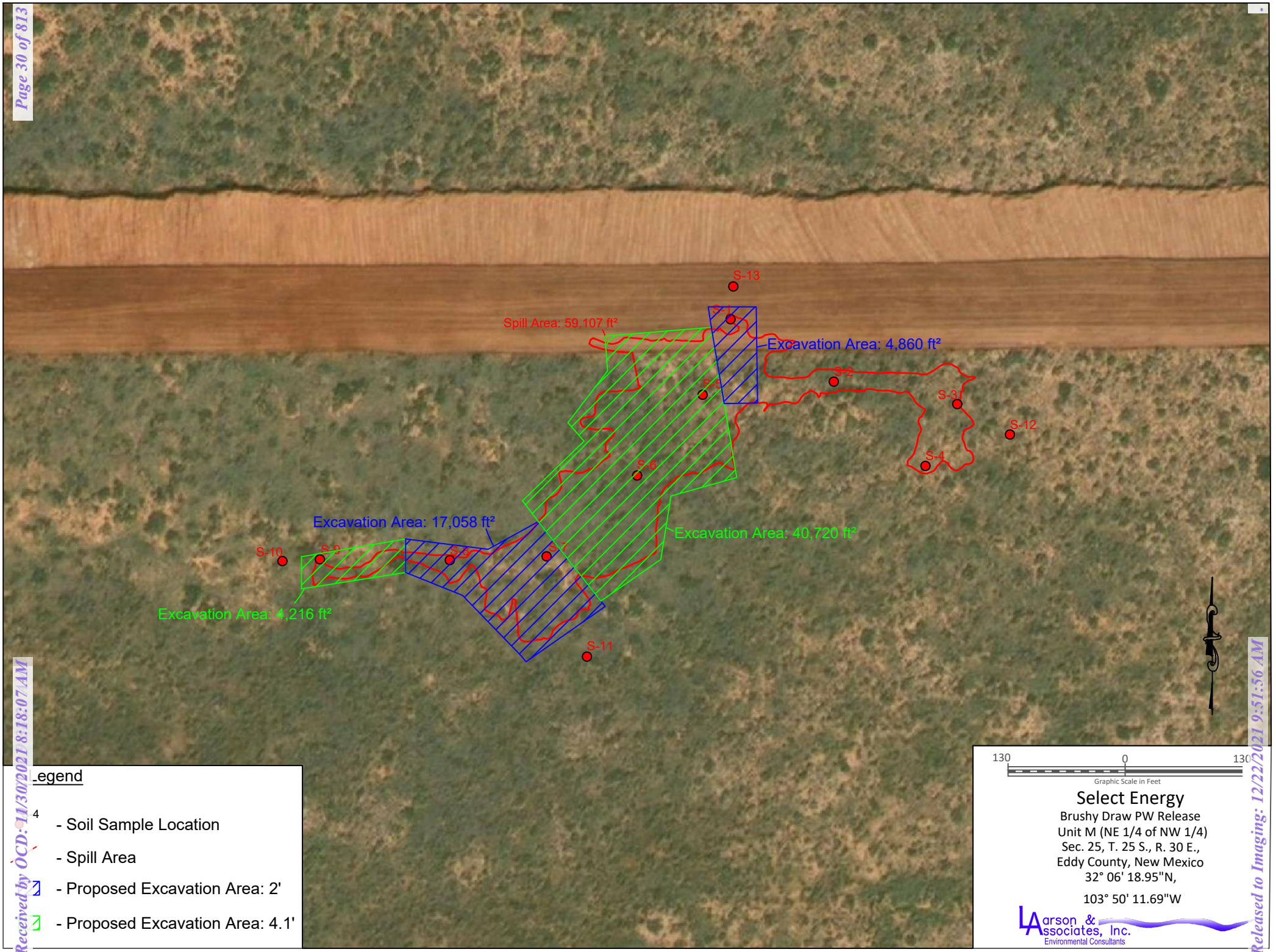

Figure 3 - Aerial Map Showing Proposed Excavations

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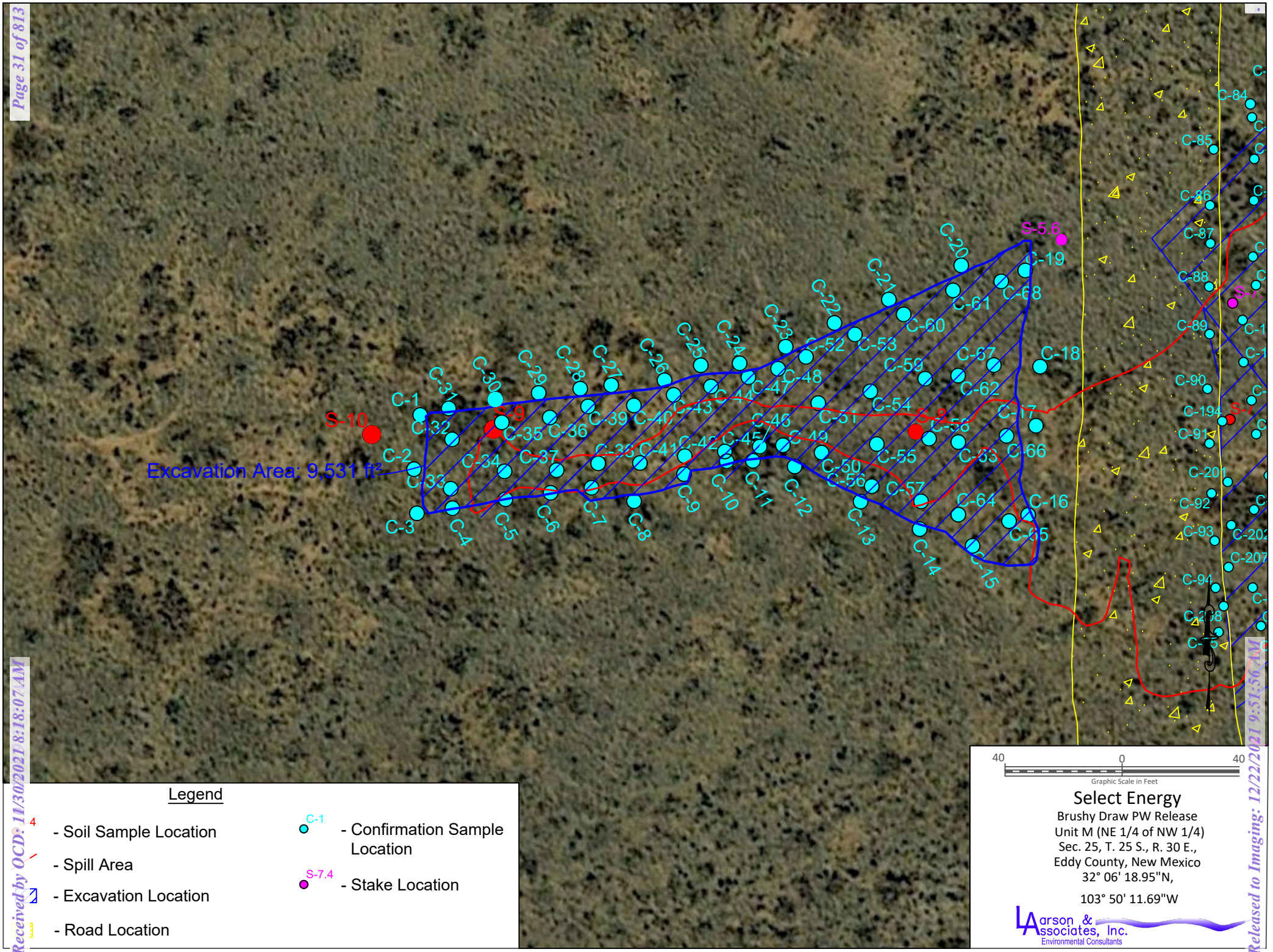

Figure 4 - Focused Aerial Map Showing Excavation Area Location

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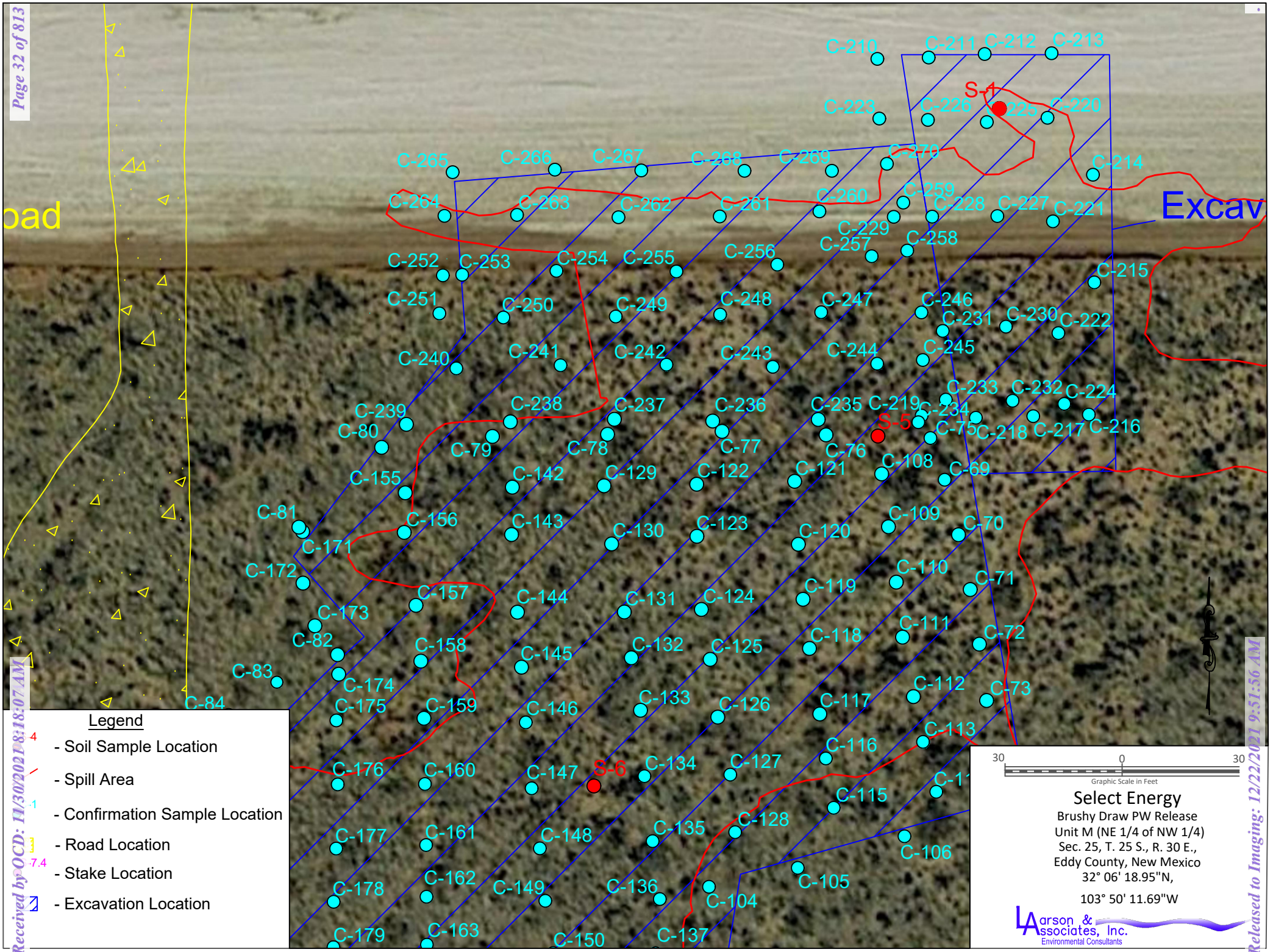

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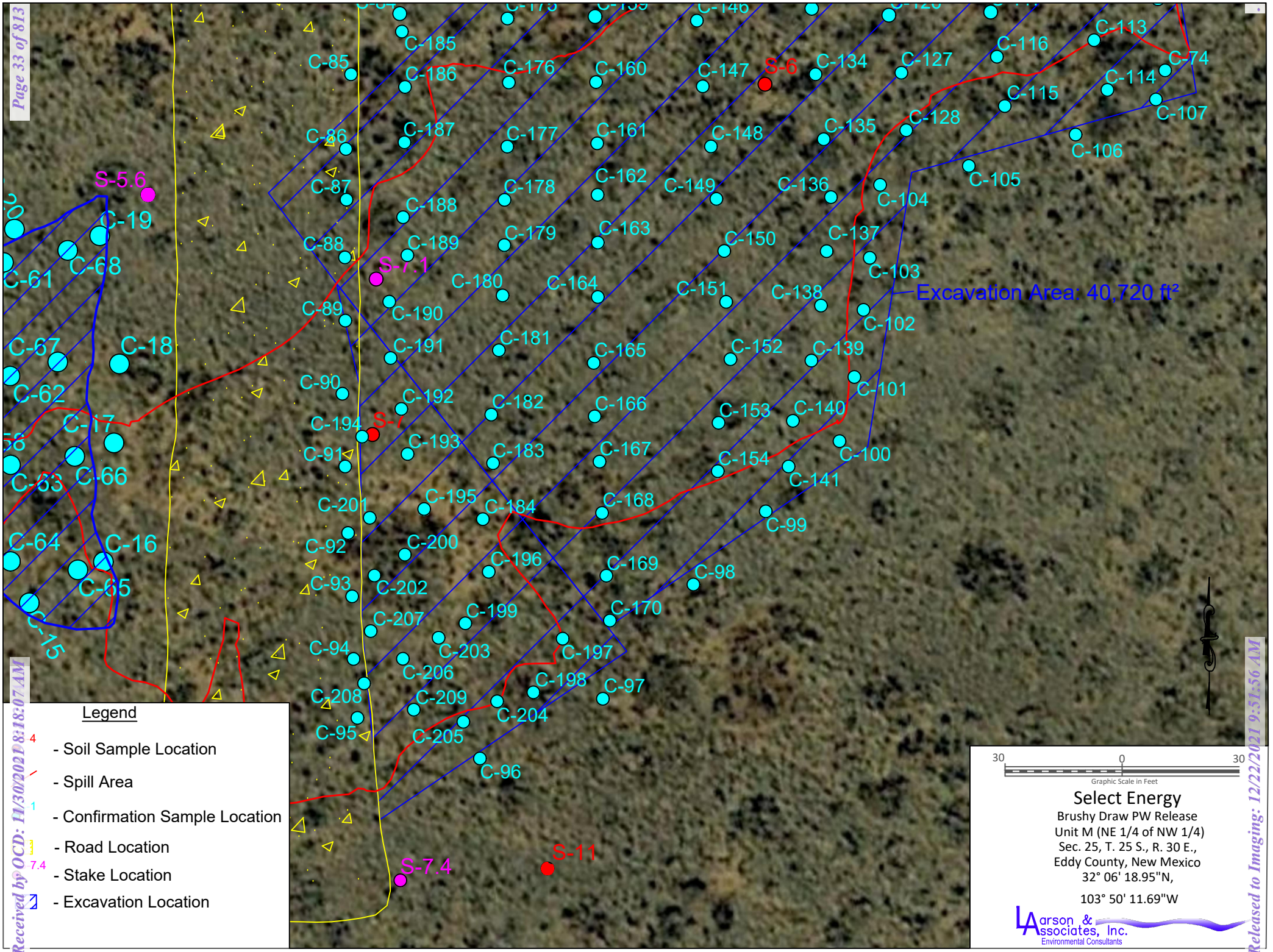
Figure 5 - Focused Aerial Map Showing Confirmation Sample Locations



Legend

- Soil Sample Location
- Spill Area
- Confirmation Sample Location
- Road Location
- Stake Location
- Excavation Location

30 0 30
Graphic Scale in Feet

Select Energy
Brushy Draw PW Release
Unit M (NE 1/4 of NW 1/4)
Sec. 25, T. 25 S., R. 30 E.,
Eddy County, New Mexico
32° 06' 18.95"N,
103° 50' 11.69"W

Larson & Associates, Inc.
Environmental Consultants

Received by OCD: 11/30/2021 8:18:07 AM
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Figure 6- Focused Aerial Map Showing Confirmation Sample Locations

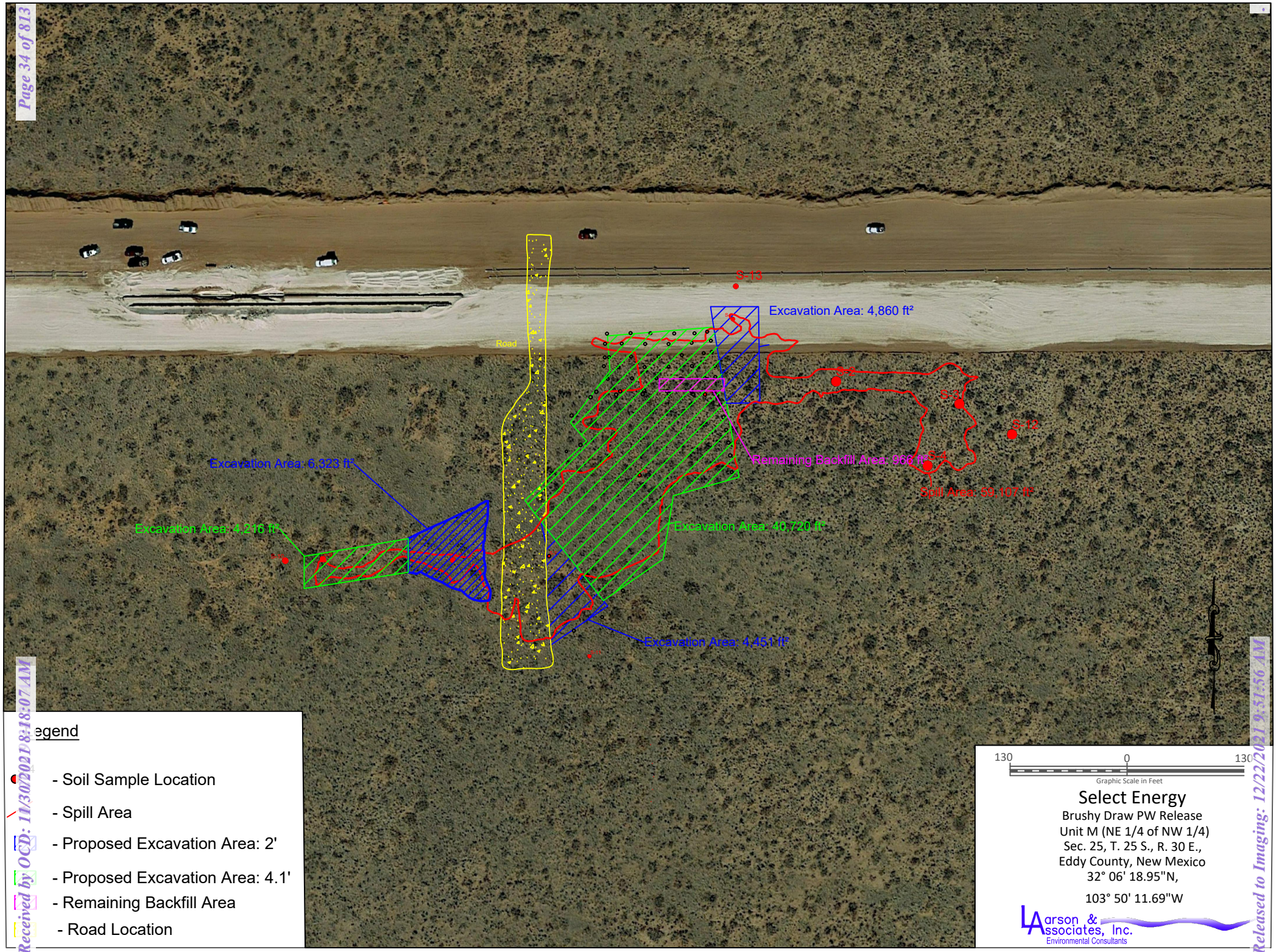

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Figure 7 - Remaining Backfill Area

Appendix A

Waste Manifests

STATEMENT					
DATE	MANIFEST #	TICKET	WEIGHT LBS		TOTAL
04.22.2020	136639		86820	43.41	43.41
04.22.2020	136640		84660	42.33	85.74
04.22.2020	136641		86700	43.35	129.09
04.22.2020	136642		88060	44.03	173.12
04.22.2020	136643		91660	45.83	218.95
04.22.2020	136665		130560	65.28	284.23
04.22.2020	136666		135040	67.52	351.75
04.29.2020	136667		130940	65.47	417.22
04.29.2020	136668		134820	67.41	484.63
04.29.2020	136669		137380	68.69	553.32
04.29.2020	136670		135320	67.66	620.98
04.29.2020	136671		93280	46.64	667.62
04.29.2020	136705		138700	69.35	736.97
04.30.2020	136706		142100	71.05	808.02
04.30.2020	136707		138960	69.48	877.5
04.30.2020	136708		136220	68.11	945.61
04.30.2020	136709		136320	68.16	1013.77
04.30.2020	136710		138580	69.29	1083.06
04.30.2020	136711		135280	67.64	1150.7
05.01.2020	136751		140320	70.16	1220.86
05.01.2020	136750		136220	68.11	1288.97
05.01.2020	136745		138720	69.36	1358.33
05.01.2020	136752		93520	46.76	1405.09
05.01.2020	136747		139380	69.69	1474.78
05.01.2020	136748		134740	67.37	1542.15
05.01.2020	136749		139660	69.83	1611.98
05.01.2020	136746		132820	66.41	1678.39
04.30.2020	136712		136680	68.34	1746.73
05.04.2020	136772		136280	68.14	1814.87
05.04.2020	136765		136320	68.16	1883.03
05.04.2020	136771		132780	66.39	1949.42
05.04.2020	136767		138500	69.25	2018.67
05.04.2020	136764		137960	68.98	2087.65
05.04.2020	136766		130420	65.21	2152.86
05.04.2020	136768		137480	68.74	2221.6
05.04.2020	136770		137680	68.84	2290.44
05.04.2020	136769		137460	68.73	2359.17
05.06.2020	136837		133880	66.94	2426.11
05.06.2020	136833		138580	69.29	2495.4
05.06.2020	136831		132500	66.25	2561.65
05.06.2020	136834		136840	68.42	2630.07
05.06.2020	136835		134140	67.07	2697.14
05.06.2020	136836		134620	67.31	2764.45
05.06.2020	136832		131960	65.98	2830.43
05.06.2020	136839		131640	65.82	2896.25

06.06.2020	136838	91500	45.75	2942
05.05.2020	136805	131760	65.88	3007.88
05.05.2020	136807	138120	69.06	3076.94
05.05.2020	136806	137880	68.94	3145.88
05.05.2020	136803	135520	67.76	3213.64
05.05.2020	136802	137300	68.65	3282.29
05.05.2020	136804	140300	70.15	3352.44
05.05.2020	136809	137520	68.76	3421.2
05.05.2020	136808	91840	45.92	3467.12
05.05.2020	136823	90060	45.03	3512.15
05.08.2020	136869	132920	66.46	3578.61
05.08.2020	136890	132720	66.36	3644.97
05.08.2020	136894	125380	62.69	3707.66
05.08.2020	136895	133860	66.93	3774.59
05.08.2020	136893	126700	63.35	3837.94
05.08.2020	136892	133940	66.97	3904.91
05.07.2020	136859	135220	67.61	3972.52
05.07.2020	136861	138440	69.22	4041.74
05.07.2020	136863	132820	66.41	4108.15
05.07.2020	136856	88760	44.38	4152.53
05.07.2020	136864	132600	66.3	4218.83
05.07.2020	136857	138460	69.23	4288.06
05.07.2020	136860	134040	67.02	4355.08
05.07.2020	136862	131780	65.89	4420.97
05.09.2020	136897	132820	66.41	4487.38
04.29.2020	136672	92240	46.12	4533.5
04.29.2020	136672	92240	46.12	4579.62
05.11.2020	136898	136140	68.07	4647.69
05.11.2020	136923	134600	67.3	4714.99
05.11.2020	136919	139380	69.69	4784.68
05.11.2020	136925	130880	65.44	4850.12
05.11.2020	136922	137560	68.78	4918.9
05.07.2020	136858	130740	65.37	4984.27
05.11.2020	136924	127200	63.6	5047.87
05.08.2020	136891	136080	68.04	5115.91
05.11.2020	136921	129100	64.55	5180.46
05.11.2020	136920	139220	69.61	5250.07
05.12.2020	136957	128220	64.11	5314.18
05.12.2020	136955	128420	64.21	5378.39
05.12.2020	136952	125060	62.53	5440.92
05.12.2020	136953	128840	64.42	5505.34
05.12.2020	136951	131180	65.59	5570.93
05.12.2020	136956	126220	63.11	5634.04
05.12.2020	136963	85420	42.71	5676.75
05.12.2020	136958	124680	62.34	5739.09
05.12.2020	136954	129940	64.97	5804.06
05.12.2020	136977	127500	63.75	5867.81

05.13.2020	136985	130540	65.27	5933.08
05.13.2020	136983	128940	64.47	5997.55
05.13.2020	136981	133660	66.83	6064.38
05.13.2020	136979	128460	64.23	6128.61
05.13.2020	136978	127160	63.58	6192.19
05.13.2020	136984	137120	68.56	6260.75
05.13.2020	136982	134800	67.4	6328.15
05.13.2020	136980	131860	65.93	6394.08
05.14.2020	137042	131540	65.77	6459.85
05.14.2020	137043	132040	66.02	6525.87
05.14.2020	137037	128480	64.24	6590.11
05.14.2020	137041	130300	65.15	6655.26
05.14.2020	137039	135120	67.56	6722.82
05.14.2020	137038	134860	67.43	6790.25
05.14.2020	137036	128480	64.24	6854.49
05.14.2020	137040	86180	43.09	6897.58
05.14.2020	137035	135840	67.92	6965.5
05.20.2020	137106	134920	67.46	7032.96
05.15.2020	137050	132520	66.26	7099.22
05.20.2020	137120	88200	44.1	7143.32
05.20.2020	137105	133960	66.98	7210.3
05.20.2020	137101	140680	70.34	7280.64
05.20.2020	137103	139980	69.99	7350.63
05.20.2020	137102	138640	69.32	7419.95
05.20.2020	137100	139920	69.96	7489.91
05.20.2020	137107	143340	71.67	7561.58
05.20.2020	137118	133900	66.95	7628.53
05.20.2020	137104	136160	68.08	7696.61
05.15.2020	137058	132340	66.17	7762.78
05.15.2020	137053	135320	67.66	7830.44
05.15.2020	137057	132700	66.35	7896.79
05.15.2020	137055	129880	64.94	7961.73
05.15.2020	137054	128260	64.13	8025.86
05.15.2020	137056	131100	65.55	8091.41
05.15.2020	137051	129600	64.8	8156.21
05.15.2020	137052	123620	61.81	8218.02
05.21.2020	137131	84900	42.45	8260.47
05.21.2020	137127	131660	65.83	8326.3
05.21.2020	137129	147480	73.74	8400.04
05.21.2020	137130	130780	65.39	8465.43
05.29.2020	137210	131900	65.95	8531.38
05.29.2020	137217	127380	63.69	8595.07
05.29.2020	137219	129400	64.7	8659.77
05.29.2020	137218	120640	60.32	8720.09
05.29.2020	137212	131020	65.51	8785.6
05.29.2020	137211	131860	65.93	8851.53
05.21.2020	137128	134400	67.2	8918.73

05.21.2020	137125	137280	68.64	8987.37
05.21.2020	137124	134980	67.49	9054.86
05.21.2020	137126	129420	64.71	9119.57
05.21.2020	137122	135280	67.64	9187.21
05.21.2020	137123	90720	45.36	9232.57
05.29.2020	137214	134380	67.19	9299.76
05.29.2020	137213	128260	64.13	9363.89
05.29.2020	137216	129300	64.65	9428.54
05.29.2020	137215	131000	65.5	9494.04
6.02.2020	137247	134620	67.31	9561.35
06.02.2020	137250	134700	67.35	9628.7
06.02.2020	137252	562960	281.48	9910.18
06.02.2020	137248	140440	70.22	9980.4
06.02.2020	137249	136240	68.12	10048.52
06.02.2020	137251	131800	65.9	10114.42
06.18.2020	137541	86540	43.27	10157.69
06.18.2020	137540	130620	65.31	10223
06.18.2020	137539	131360	65.68	10288.68
06.18.2020	137537	120840	60.42	10349.1
06.18.2020	137536	126460	63.23	10412.33
06.18.2020	137538	129040	64.52	10476.85

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136924	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 430D 431D 441					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

GENERATOR

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO	24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME:	PRINTED/TYPED NAME:
SIGNATURE: DATE:	SIGNATURE: DATE:

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

DISPOSAL FACILITY

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 2 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136858 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

TRANSPORTER

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136922 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4.LD 4.1D 4.1P					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME / SIGNATURE / DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136925 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 02

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

GENERATOR

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136919 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4410 4410 4410					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

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NON-HAZARDOUS WASTE MANIFEST NO 136923 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 45 YD 45 YD 45 YD					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

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NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136898 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4L 22D 44 TUB 45 DRUM					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR 15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

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NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the *facility is authorized and permitted to receive such wastes.*

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137123 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO. / 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137122 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt./Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO	24-HOUR EMERGENCY NO.

OR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137126 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137124 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO. 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137125 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 4

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137128 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137215 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4E 4D 4D 44C					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137216 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

TRANSPORTER

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO. 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137213 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4210 4540 45440					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137214 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136642 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136640	1. PAGE ___OF___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME	PHONE NO	24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136639 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

GENERATOR

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136920 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME | 4. ADDRESS | 5. PICK-UP DATE

PHONE NO. | CITY | STATE | ZIP | 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4 LD 4 LD 4 LD					

12. COMMENTS OR SPECIAL INSTRUCTIONS: | 13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME | PHONE NO | 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 2

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136921 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136891 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

PAGE 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136643 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO	24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136641 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 11

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. JET 4340					

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico | 20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136665 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO	24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136668 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136667	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO. 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136666 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO. 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME:	PRINTED/TYPED NAME:
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136669 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

TO

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136671	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 6

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136670	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. ASTD 42 LD 42 bb					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 &6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136705 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136707 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

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AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136706 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

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AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136750 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

IN CASE OF EMERGENCY OR SPILL, CONTACT

14. NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME SIGNATURE DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 2

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136751 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 2 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136711 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136710 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136709 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 2 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136708	1. PAGE ___OF___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME	PHONE NO	24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME:	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136712	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

Released to Imaging: 12/22/2021 9:51:56 AM

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136746 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

GENERATOR

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PRINTED/TYPED NAME	SIGNATURE / DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136749 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 14

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136748 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136747 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136752	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136745 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO	24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

FACILITY	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136765 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR COPIES 1 & 2 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136772 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 14

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136631 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

GENERATOR

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PRINTED/TYPED NAME	SIGNATURE / DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

FORM 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136833 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

FORM E

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136837	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136769	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID#
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO. 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

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AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136770	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO	24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

Released to Imaging: 12/22/2021 9:51:56 AM

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136768 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO. 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136766 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

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AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136764 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 11

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4640					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136767 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 2 & 3 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 2

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136771 | 1. PAGE ___ OF ___ | 2. TRAILER NO. LC

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 142 : 044					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

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AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 2 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136836	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO.	24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

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AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136835 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. HEAD GATE 4450					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE / DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE	SIGNATURE _____ DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 235-4257

NON-HAZARDOUS WASTE MANIFEST NO 136834 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO. / 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE / DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136857	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 4

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136623 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO	24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME:	PRINTED/TYPED NAME:
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

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AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136808 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 14

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

GENERATOR: COPIES 1 & 6

COPY 6

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136809 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136804	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4140					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

TRANSPORTER

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136802 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME:	PRINTED/TYPED NAME:
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 2 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136803 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME: PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136806 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME:	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136807	1. PAGE ___OF___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136805 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO. 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136838 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 14

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO. 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136839	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO	24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

SEND TOP COPIES DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405)-236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136832 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136860	1. PAGE ___ OF ___	2. TRAILER NO. 11

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136897 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136862 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

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AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136672 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME | PHONE NO | 24-HOUR EMERGENCY NO.

GENERATOR

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136859 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 1 LID 40A 42 Gal					

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

GENERATOR

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136672 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136863 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136861 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4: 140					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

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PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE | CELL NO. | DATE | TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136896 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136864 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME | 4. ADDRESS | 5. PICK-UP DATE

PHONE NO. | CITY | STATE | ZIP | 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4 YD 4 YD 4 YD					

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME | PHONE NO | 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME _____

SIGNATURE _____ DATE _____

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME _____

SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC | ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM | PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE | CELL NO. | DATE | TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136856 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 44(D 44(D					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

GENERATOR

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PRINTED/TYPED NAME	SIGNATURE / DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTER: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136890 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2, 3, 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136956	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. Mud Tank Fluids					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME	PHONE NO	24-HOUR EMERGENCY NO.

GENERATOR

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME: _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136951 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

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PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

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AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136953 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 10

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4400 4 4400					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136952	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME:	PRINTED/TYPED NAME:
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136955 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4 3 4 4					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136957	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4/4.0 4/ 7 4/.1					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

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PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136892	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE / DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136893 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

OPERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE / DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136895 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4[illegible] 4200 4[illegible]20					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME | PHONE NO. | 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136894 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136954 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt./Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO. / 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME:	PRINTED/TYPED NAME:
SIGNATURE: DATE:	SIGNATURE: DATE:

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136958 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt./Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR 15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136963 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4H-E 417D					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136979 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME | 4. ADDRESS | 5. PICK-UP DATE

PHONE NO. | CITY STATE ZIP | 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico | 20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

Released to Imaging: 12/22/2021 9:51:56 AM

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136981 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4203 4330 43780					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136983 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. MDC Rec'd 4430					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE / DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136985 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4200 4230 4430					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME	SIGNATURE / DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136977 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME | 4. ADDRESS | 5. PICK-UP DATE

PHONE NO. | CITY STATE ZIP | 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. AIC 40 Land 4320					

12. COMMENTS OR SPECIAL INSTRUCTIONS: | 13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE DATE

TRANSPORTERS

16. TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME _____

SIGNATURE _____ DATE _____

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME _____

SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico | 20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136982	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 44 D 40D 44D					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136984	1. PAGE ___ OF ___	2. TRAILER NO. 11

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4" LD - 1" ID 47480					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO. 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136978 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137039 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

GENERATOR

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO. / 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

DISPOSAL FACILITY

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 137041	1. PAGE ___ OF ___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4120 4120 4120					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 2 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 137037	1. PAGE ___OF___	2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137043 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137042 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136980 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME | 4. ADDRESS | 5. PICK-UP DATE

PHONE NO. | CITY STATE ZIP | 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4					

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME | PHONE NO | 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico | 20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE | CELL NO. | DATE | TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-7646

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-3700

NON-HAZARDOUS WASTE MANIFEST NO 137036

GENERATOR

3. COMPANY NAME | 4. ADDRESS | 5. PICK-UP DATE

PHONE NO. | CITY | STATE | ZIP | 6. ENERGY RESOURCES

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME | PHONE NO. | 24 HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and that this shipment does not contain any

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE DATE

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME:

SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC | ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM | PHONE: 575-[illegible]-0948

PERMIT NO. WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described waste material was received at this facility and that this facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE | CELL NO. | DATE | TIME

GENERATOR: COPIES 1 & 4 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137038 | 1. PAGE __ OF __ | 2. [illegible]

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO. 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137105 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137101 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137103 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4 D 4 LND					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137102 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO. 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137107 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4 D 1 4 D 4					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137118 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137104 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 44 40 44 40 44 40					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR COPIES 1 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137058 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4440 4430 4440					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137053 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 1470 NORM 4					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137057 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. H2O					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137055 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4440 4440					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME | PHONE NO. | 24 HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137054 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4210 4210 4210					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137056 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME | PHONE NO. | 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137051 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. NM AFD 2110					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137052 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE | CELL NO. | DATE | TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137131 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137127 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME | PHONE NO | 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137129 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

PRINTED/TYPED NAME & SIGNATURE	CELL NO.	DATE	TIME

LEA LAND DISPOSAL SITE NEW MEXICO

LEA LAND, LLC

137130

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137210 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO	24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC.

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

Released to Imaging: 12/22/2021 9:51:56 AM

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137217 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 11

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 44 D 4 4 4					

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137219 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME / PHONE NO / 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137218 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

GENERATOR

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137212 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 421 C 411 D 424 D					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137211 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137247 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

GENERATOR

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137250 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 44 BD 44 BD 44 BD					

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

TRANSPORTER

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137252 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME | PHONE NO | 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE / DATE	SIGNATURE / DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137248 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4G 14D					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137249 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137251 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4a 4d 4c 4d 4g 4d					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137541 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 14 4240					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137540 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4YD LAD 4YD					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137539 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY STATE ZIP	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME PHONE NO 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137537 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 440 H2O 140					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO	24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137536 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME | PHONE NO | 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

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AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137538 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

TRANSPORTER

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME | PHONE NO | 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

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AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 137100 | 1. PAGE ___OF___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME / PHONE NO.	4. ADDRESS / CITY / STATE / ZIP	5. PICK-UP DATE / 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.					
b.					
c.					
d. 4L-0404					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME | PHONE NO | 24-HOUR EMERGENCY NO.

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PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME _____	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

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AUTHORIZED SIGNATURE | CELL NO. | DATE | TIME

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 5

Appendix B

Laboratory Reports

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson
Larson & Associates, Inc.
P.O. Box 50685
Midland, TX 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Location: NM

Lab Order Number: 0A15005

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-17-8

Report Date: 01/22/20

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-1 (0.5)	0A15005-01	Soil	01/14/20 11:58	01-15-2020 09:00
S-1 (1')	0A15005-02	Soil	01/14/20 12:02	01-15-2020 09:00
S-2 (0.5)	0A15005-03	Soil	01/14/20 12:08	01-15-2020 09:00
S-2 (1')	0A15005-04	Soil	01/14/20 12:12	01-15-2020 09:00
S-3 (0.5)	0A15005-05	Soil	01/14/20 12:16	01-15-2020 09:00
S-3 (1')	0A15005-06	Soil	01/14/20 12:20	01-15-2020 09:00
S-4 (0.5)	0A15005-07	Soil	01/14/20 12:24	01-15-2020 09:00
S-4 (1')	0A15005-08	Soil	01/14/20 12:26	01-15-2020 09:00
S-7 (0.5)	0A15005-09	Soil	01/14/20 12:36	01-15-2020 09:00
S-7 (1')	0A15005-10	Soil	01/14/20 12:38	01-15-2020 09:00
S-8 (0.5)	0A15005-11	Soil	01/14/20 12:42	01-15-2020 09:00
S-8 (1')	0A15005-12	Soil	01/14/20 14:45	01-15-2020 09:00
S-9 (0.5)	0A15005-13	Soil	01/14/20 12:48	01-15-2020 09:00
S-9 (1')	0A15005-14	Soil	01/14/20 12:49	01-15-2020 09:00
S-5 (1')	0A15005-15	Soil	01/14/20 12:31	01-15-2020 09:00
S-5 (0.5')	0A15005-16	Soil	01/14/20 12:30	01-15-2020 09:00
S-6 (0.5)	0A15005-17	Soil	01/14/20 12:35	01-15-2020 09:00
S-6 (1')	0A15005-18	Soil	01/14/20 12:38	01-15-2020 09:00
S-11 (0.5)	0A15005-19	Soil	01/14/20 12:41	01-15-2020 09:00
S-11 (1')	0A15005-20	Soil	01/14/20 12:42	01-15-2020 09:00
S-12 (0.5)	0A15005-21	Soil	01/14/20 13:11	01-15-2020 09:00
S-12 (1')	0A15005-22	Soil	01/14/20 13:12	01-15-2020 09:00
S-10 (0.5)	0A15005-23	Soil	01/14/20 13:00	01-15-2020 09:00
S-10 (1')	0A15005-24	Soil	01/14/20 13:04	01-15-2020 09:00
S-13 (0.5)	0A15005-25	Soil	01/14/20 13:04	01-15-2020 09:00
S-13 (1')	0A15005-26	Soil	01/14/20 13:05	01-15-2020 09:00

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-1 (0.5)

0A15005-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**741**	1.06	mg/kg dry	1	P0A2005	01/20/20	01/20/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.4 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.8 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	01/16/20	01/18/20	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-1 (1')

0A15005-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**465**	1.09	mg/kg dry	1	P0A2005	01/20/20	01/20/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.0 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/16/20	01/18/20	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-2 (0.5)

0A15005-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**153**	1.06	mg/kg dry	1	P0A2005	01/20/20	01/20/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*119 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	01/16/20	01/18/20	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-2 (1')

0A15005-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**233**	1.10	mg/kg dry	1	P0A2005	01/20/20	01/20/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.4 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/16/20	01/18/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-3 (0.5)

0A15005-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**84.4**	1.05	mg/kg dry	1	P0A2005	01/20/20	01/20/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.6 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.9 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/16/20	01/18/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-3 (1')

0A15005-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**134**	1.08	mg/kg dry	1	P0A2005	01/20/20	01/20/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.8 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	01/16/20	01/18/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-4 (0.5)

0A15005-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**75.7**	1.05	mg/kg dry	1	P0A2005	01/20/20	01/20/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.3 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/16/20	01/18/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-4 (1')

0A15005-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**77.5**	1.09	mg/kg dry	1	P0A2005	01/20/20	01/20/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.2 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/16/20	01/18/20	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

S-7 (0.5)

0A15005-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4880**	11.1	mg/kg dry	10	P0A2005	01/20/20	01/21/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.3 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/16/20	01/18/20	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

S-7 (1')

0A15005-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4030**	12.8	mg/kg dry	10	P0A2005	01/20/20	01/21/20	EPA 300.0	
% Moisture	**22.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	32.1	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C12-C28	ND	32.1	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C28-C35	ND	32.1	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.3 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	32.1	mg/kg dry	1	[CALC]	01/16/20	01/18/20	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

S-8 (0.5)

0A15005-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2830**	10.6	mg/kg dry	10	P0A2005	01/20/20	01/21/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.4 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	01/16/20	01/18/20	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

S-8 (1')

0A15005-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**849**	1.10	mg/kg dry	1	P0A2005	01/20/20	01/20/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A1610	01/16/20	01/18/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.2 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0A1610*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/16/20	01/18/20	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

S-9 (0.5)

0A15005-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4100**	10.8	mg/kg dry	10	P0A2005	01/20/20	01/21/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.5 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	01/16/20	01/17/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-9 (1')

0A15005-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3530**	10.9	mg/kg dry	10	P0A2005	01/20/20	01/21/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*69.5 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	*S-GC*
Surrogate: o-Terphenyl		*99.6 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/16/20	01/17/20	calc	

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S-5 (1')

0A15005-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3450**	10.8	mg/kg dry	10	P0A2005	01/20/20	01/22/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*71.1 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	01/16/20	01/17/20	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

S-5 (0.5')

0A15005-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2560**	10.9	mg/kg dry	10	P0A2005	01/20/20	01/22/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*76.1 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/16/20	01/17/20	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

S-6 (0.5)

0A15005-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3900**	10.9	mg/kg dry	10	P0A2005	01/20/20	01/22/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*80.5 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/16/20	01/17/20	calc	

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S-6 (1')

0A15005-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3510**	11.0	mg/kg dry	10	P0A2005	01/20/20	01/22/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*56.0 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	*S-GC*
Surrogate: o-Terphenyl		*81.9 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/16/20	01/17/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-11 (0.5)

0A15005-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**117**	1.04	mg/kg dry	1	P0A2005	01/20/20	01/20/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.6 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*129 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	01/16/20	01/17/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-11 (1')

0A15005-20 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**173**	1.04	mg/kg dry	1	P0A2005	01/20/20	01/20/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C12-C28	**65.9**	26.0	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*64.0 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	*S-GC*
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**65.9**	26.0	mg/kg dry	1	[CALC]	01/16/20	01/17/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-12 (0.5)

0A15005-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.8**	1.02	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.5 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*137 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/16/20	01/17/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-12 (1')

0A15005-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.6**	1.02	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*59.9 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	*S-GC*
Surrogate: o-Terphenyl		*92.9 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/16/20	01/17/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

S-10 (0.5)

0A15005-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11.9**	1.01	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*68.0 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	*S-GC*
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/16/20	01/17/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-10 (1')

0A15005-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**13.2**	1.03	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*80.1 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/16/20	01/17/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-13 (0.5)

0A15005-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**28.2**	1.01	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0A1611	01/16/20	01/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*64.1 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	*S-GC*
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P0A1611*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/16/20	01/17/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-13 (1')

0A15005-26 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**29.0**	1.01	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0A1611	01/16/20	01/18/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0A1611	01/16/20	01/18/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0A1611	01/16/20	01/18/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*69.8 %*	*70-130*		*P0A1611*	*01/16/20*	*01/18/20*	*TPH 8015M*	*S-GC*
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P0A1611*	*01/16/20*	*01/18/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/16/20	01/18/20	calc	

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Larson & Associates, Inc.
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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1709 - * DEFAULT PREP *** **										
Blank (P0A1709-BLK1)				Prepared & Analyzed: 01/17/20						
% Moisture	ND	0.1	%							
Duplicate (P0A1709-DUP1)		**Source: 0A15004-73**		Prepared & Analyzed: 01/17/20						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P0A1709-DUP2)		**Source: 0A15004-46**		Prepared & Analyzed: 01/17/20						
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P0A1709-DUP3)		**Source: 0A15005-19**		Prepared & Analyzed: 01/17/20						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P0A1709-DUP4)		**Source: 0A15007-08**		Prepared & Analyzed: 01/17/20						
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P0A1709-DUP5)		**Source: 0A15010-06**		Prepared & Analyzed: 01/17/20						
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P0A1709-DUP6)		**Source: 0A16004-39**		Prepared & Analyzed: 01/17/20						
% Moisture	8.0	0.1	%		8.0			0.00	20	
Duplicate (P0A1709-DUP7)		**Source: 0A16011-01**		Prepared & Analyzed: 01/17/20						
% Moisture	3.0	0.1	%		4.0			28.6	20	
Batch P0A2005 - * DEFAULT PREP *** **										
Blank (P0A2005-BLK1)				Prepared & Analyzed: 01/20/20						
Chloride	ND	1.00	mg/kg wet							

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2005 - * DEFAULT PREP *** **										
LCS (P0A2005-BS1)				Prepared & Analyzed: 01/20/20						
Chloride	404	1.00	mg/kg wet	400		101	80-120			
LCS Dup (P0A2005-BSD1)				Prepared & Analyzed: 01/20/20						
Chloride	411	1.00	mg/kg wet	400		103	80-120	1.64	20	
Calibration Blank (P0A2005-CCB1)				Prepared & Analyzed: 01/20/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0A2005-CCB2)				Prepared & Analyzed: 01/20/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0A2005-CCV1)				Prepared & Analyzed: 01/20/20						
Chloride	20.9		mg/kg	20.0		104	0-200			
Calibration Check (P0A2005-CCV2)				Prepared & Analyzed: 01/20/20						
Chloride	20.9		mg/kg	20.0		105	0-200			
Matrix Spike (P0A2005-MS1)		**Source: 0A15005-01**		Prepared & Analyzed: 01/20/20						
Chloride	991	1.06	mg/kg dry	213	741	117	80-120			
Matrix Spike (P0A2005-MS2)		**Source: 0A15005-11**		Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	4550	10.6	mg/kg dry	213	2830	810	80-120			
Matrix Spike Dup (P0A2005-MSD1)		**Source: 0A15005-01**		Prepared & Analyzed: 01/20/20						
Chloride	1080	1.06	mg/kg dry	213	741	161	80-120	9.02	20	
Matrix Spike Dup (P0A2005-MSD2)		**Source: 0A15005-11**		Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	3660	10.6	mg/kg dry	213	2830	390	80-120	21.7	20	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2010 - * DEFAULT PREP *** **										
Blank (P0A2010-BLK1)				Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	ND	1.00	mg/kg wet							
LCS (P0A2010-BS1)				Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	416	1.00	mg/kg wet	400		104	80-120			
Calibration Blank (P0A2010-CCB2)				Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0A2010-CCV1)				Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	20.6		mg/kg	20.0		103	0-200			
Calibration Check (P0A2010-CCV2)				Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	20.4		mg/kg	20.0		102	0-200			
Matrix Spike (P0A2010-MS1)		**Source: 0A15005-21**		Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	435	1.02	mg/kg dry	408	10.8	104	80-120			
Matrix Spike (P0A2010-MS2)		**Source: 0A16004-10**		Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	969	1.00	mg/kg dry	400	558	103	80-120			
Matrix Spike Dup (P0A2010-MSD1)		**Source: 0A15005-21**		Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	434	1.02	mg/kg dry	408	10.8	104	80-120	0.380	20	
Matrix Spike Dup (P0A2010-MSD2)		**Source: 0A16004-10**		Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	989	1.00	mg/kg dry	400	558	108	80-120	2.04	20	

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1610 - TX 1005										
Blank (P0A1610-BLK1)				Prepared: 01/16/20 Analyzed: 01/18/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*57.6*		*"*	*50.0*		*115*	*70-130*			
LCS (P0A1610-BS1)				Prepared: 01/16/20 Analyzed: 01/18/20						
C6-C12	1050	25.0	mg/kg wet	1000		105	75-125			
>C12-C28	984	25.0	"	1000		98.4	75-125			
Surrogate: 1-Chlorooctane	*117*		*"*	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*50.2*		*"*	*50.0*		*100*	*70-130*			
LCS Dup (P0A1610-BSD1)				Prepared: 01/16/20 Analyzed: 01/18/20						
C6-C12	1070	25.0	mg/kg wet	1000		107	75-125	2.26	20	
>C12-C28	998	25.0	"	1000		99.8	75-125	1.33	20	
Surrogate: 1-Chlorooctane	*117*		*"*	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*50.7*		*"*	*50.0*		*101*	*70-130*			
Calibration Blank (P0A1610-CCB1)				Prepared: 01/16/20 Analyzed: 01/18/20						
C6-C12	15.9		mg/kg wet							
>C12-C28	5.44		"							
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*57.5*		*"*	*50.0*		*115*	*70-130*			
Calibration Blank (P0A1610-CCB2)				Prepared: 01/16/20 Analyzed: 01/18/20						
C6-C12	15.2		mg/kg wet							
>C12-C28	9.21		"							
Surrogate: 1-Chlorooctane	*107*		*"*	*100*		*107*	*70-130*			
Surrogate: o-Terphenyl	*56.6*		*"*	*50.0*		*113*	*70-130*			

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Larson & Associates, Inc.
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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1610 - TX 1005										
Calibration Check (P0A1610-CCV1)				Prepared: 01/16/20 Analyzed: 01/18/20						
C6-C12	517	25.0	mg/kg wet	500		103	85-115			
>C12-C28	476	25.0	"	500		95.2	85-115			
Surrogate: 1-Chlorooctane	*109*		*"*	*100*		*109*	*70-130*			
Surrogate: o-Terphenyl	*51.2*		*"*	*50.0*		*102*	*70-130*			
Calibration Check (P0A1610-CCV2)				Prepared: 01/16/20 Analyzed: 01/18/20						
C6-C12	511	25.0	mg/kg wet	500		102	85-115			
>C12-C28	469	25.0	"	500		93.8	85-115			
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*49.8*		*"*	*50.0*		*99.7*	*70-130*			
Matrix Spike (P0A1610-MS1)		**Source: 0A15005-12**		Prepared: 01/16/20 Analyzed: 01/18/20						
C6-C12	1180	27.5	mg/kg dry	1100	12.4	106	75-125			
>C12-C28	1070	27.5	"	1100	25.4	94.9	75-125			
Surrogate: 1-Chlorooctane	*125*		*"*	*110*		*113*	*70-130*			
Surrogate: o-Terphenyl	*55.1*		*"*	*54.9*		*100*	*70-130*			
Matrix Spike Dup (P0A1610-MSD1)		**Source: 0A15005-12**		Prepared: 01/16/20 Analyzed: 01/18/20						
C6-C12	1310	27.5	mg/kg dry	1100	12.4	118	75-125	11.1	20	
>C12-C28	1210	27.5	"	1100	25.4	108	75-125	12.6	20	
Surrogate: 1-Chlorooctane	*139*		*"*	*110*		*127*	*70-130*			
Surrogate: o-Terphenyl	*61.5*		*"*	*54.9*		*112*	*70-130*			
Batch P0A1611 - TX 1005										
Blank (P0A1611-BLK1)				Prepared: 01/16/20 Analyzed: 01/17/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*99.6*		*"*	*100*		*99.6*	*70-130*			
Surrogate: o-Terphenyl	*53.4*		*"*	*50.0*		*107*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1611 - TX 1005										
LCS (P0A1611-BS1)				Prepared: 01/16/20 Analyzed: 01/17/20						
C6-C12	1090	25.0	mg/kg wet	1000		109	75-125			
>C12-C28	933	25.0	"	1000		93.3	75-125			
Surrogate: 1-Chlorooctane	*96.1*		*"*	*100*		*96.1*	*70-130*			
Surrogate: o-Terphenyl	*49.3*		*"*	*50.0*		*98.7*	*70-130*			
LCS Dup (P0A1611-BSD1)				Prepared: 01/16/20 Analyzed: 01/17/20						
C6-C12	1140	25.0	mg/kg wet	1000		114	75-125	5.02	20	
>C12-C28	1010	25.0	"	1000		101	75-125	7.89	20	
Surrogate: 1-Chlorooctane	*102*		*"*	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*53.8*		*"*	*50.0*		*108*	*70-130*			
Calibration Blank (P0A1611-CCB1)				Prepared: 01/16/20 Analyzed: 01/17/20						
C6-C12	19.3		mg/kg wet							
>C12-C28	13.9		"							
Surrogate: 1-Chlorooctane	*105*		*"*	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*57.1*		*"*	*50.0*		*114*	*70-130*			
Calibration Check (P0A1611-CCV1)				Prepared: 01/16/20 Analyzed: 01/17/20						
C6-C12	511	25.0	mg/kg wet	500		102	85-115			
>C12-C28	479	25.0	"	500		95.7	85-115			
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*48.9*		*"*	*50.0*		*97.8*	*70-130*			
Calibration Check (P0A1611-CCV2)				Prepared: 01/16/20 Analyzed: 01/17/20						
C6-C12	475	25.0	mg/kg wet	500		94.9	85-115			
>C12-C28	435	25.0	"	500		87.0	85-115			
Surrogate: 1-Chlorooctane	*99.2*		*"*	*100*		*99.2*	*70-130*			
Surrogate: o-Terphenyl	*45.3*		*"*	*50.0*		*90.6*	*70-130*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1611 - TX 1005										
Matrix Spike (P0A1611-MS1)	**Source: 0A15006-06**			Prepared: 01/16/20 Analyzed: 01/18/20						
C6-C12	1240	25.5	mg/kg dry	1020	37.8	118	75-125			QM-05
>C12-C28	5040	25.5	"	1020	2570	242	75-125			QM-05
Surrogate: 1-Chlorooctane	*102*		*"*	*102*		*99.5*	*70-130*			
Surrogate: o-Terphenyl	*53.3*		*"*	*51.0*		*104*	*70-130*			
Matrix Spike Dup (P0A1611-MSD1)	**Source: 0A15006-06**			Prepared: 01/16/20 Analyzed: 01/18/20						
C6-C12	1240	25.5	mg/kg dry	1020	37.8	117	75-125	0.0886	20	QM-05
>C12-C28	5140	25.5	"	1020	2570	252	75-125	3.81	20	QM-05
Surrogate: 1-Chlorooctane	*101*		*"*	*102*		*99.4*	*70-130*			
Surrogate: o-Terphenyl	*53.1*		*"*	*51.0*		*104*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 1/22/2020

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Page 233 of 813

Nº 0907

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 1/15/2020 PAGE 1 OF

PO#: LAB WORK ORDER#: 0A15005

PROJECT LOCATION OR NAME: BRUSHY DRAW / SELECT

LAI PROJECT #: ~~19-0179-08~~ 20-0100.01 COLLECTOR: DS/EC

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State:

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☐ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐	TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐	HOLDPAH ☐	8081 PESTICIDES ☐	8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐	TCLP VOC ☐	TCLP - PEST ☐	HERB ☐	Semi-VOC ☐	TOTAL METALS (RCRA) ☐	OTHER LIST ☐	LEAD - TOTAL ☐	D.W. 200.8 ☐	TCLP ☐	RCI ☐	TOX ☐	FLASHPOINT ☐	TDS ☐	TSS ☐	% MOISTURE ☐	pH ☐	CYANIDE ☐	HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDE ☒	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
S-1 (0.5')	1	1/14/20	1158	S	1				X				X	X	X																											X				
S-1 (1')	2		1202																																										
S-2 (0.5')	3		1208																																										
S-2 (1')	4		1212																																										
S-3 (0.5)	5		1216																																										
S-3 (1)	6		1220																																										
S-4 (0.5)	7		1224																																										
S-4 (1)	8		1226																																										
S-7 (0.5)	9		1236																																										
S-7 ~~(0.5)~~ (0')	10		1238																																										
S-8 (0.5)	11		1242																																										
S-8 (1)	12		1245																																										
S-9 (0.5)	13		1248																																										
S-9 (1)	14		1249																																										
S-5 ~~(0.5')~~ 1'	15		1251																																										
TOTAL	15																																												

RELINQUISHED BY:(Signature) Daniel Stephens DATE/TIME 1/13/20 0902 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature) 1-15-20 900

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY: -4.6 CF#1
RECEIVING TEMP: -1.6 THERM#: L2
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☒ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

Page 234 of 813

№ 0908

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 1/15/2020 PAGE 2 OF 2

PO#: _____ LAB WORK ORDER#: 0A15005

PROJECT LOCATION OR NAME: BRUSHY DRAW / SELECT

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/EC

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☐ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
S-5 (0.5)	16	1/14/20	1230	S	1				X					X	X	X														X	
S-6 (0.5)	17		1235																												
S-6 (1)	18		1238																												
S-11 (0.5)	19		1241																												
S-11 (1)	20		1242																												
S-12 (0.5)	21		1311																												
S-12 (1)	22		1312																												
S-10 (0.5)	23		1300 ~~1304~~																												
S-10 (1)	24		1304																												
S-13 (0.5)	25		1304																												
S-13 (1)	26		1305																												
TOTAL		11																													

RELINQUISHED BY:(Signature) David A Stefano DATE/TIME 1/15/20 0902 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature) 1-15-20 900

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: -1.6 -1.6 CF+1 THERM#: 62
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☒ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson
Larson & Associates, Inc.
P.O. Box 50685
Midland, TX 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Location: NM

Lab Order Number: 0B03004

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-17-8

Report Date: 02/07/20

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S.2 (2')	0B03004-01	Soil	01/30/20 13:10	02-03-2020 09:23
S.3 (1.5')	0B03004-02	Soil	01/30/20 13:30	02-03-2020 09:23
S.5 (1.5')	0B03004-03	Soil	01/31/20 09:25	02-03-2020 09:23
S.6 (1.5')	0B03004-04	Soil	01/31/20 09:36	02-03-2020 09:23
S.7 (1')	0B03004-05	Soil	01/31/20 10:20	02-03-2020 09:23
S.7 (3')	0B03004-06	Soil	01/31/20 10:21	02-03-2020 09:23
S.7 (5')	0B03004-07	Soil	01/31/20 10:22	02-03-2020 09:23
S.11 (2')	0B03004-08	Soil	01/31/20 11:03	02-03-2020 09:23
S.8 (2')	0B03004-09	Soil	01/31/20 11:11	02-03-2020 09:23
S.9 (3')	0B03004-10	Soil	01/31/20 11:22	02-03-2020 09:23
S.4 (2.5')	0B03004-11	Soil	01/31/20 09:56	02-03-2020 09:23

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

S.2 (2')

0B03004-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00106	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*75-125*		*P0B0306*	*02/03/20*	*02/03/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.1 %*	*75-125*		*P0B0306*	*02/03/20*	*02/03/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**171**	1.06	mg/kg dry	1	P0B0310	02/03/20	02/03/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0B0401	02/04/20	02/04/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C12-C28	**40.9**	26.6	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*121 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**40.9**	26.6	mg/kg dry	1	[CALC]	02/03/20	02/03/20	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S.3 (1.5')

0B03004-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0B0306*	*02/03/20*	*02/03/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.3 %*	*75-125*		*P0B0306*	*02/03/20*	*02/03/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**35.8**	1.08	mg/kg dry	1	P0B0310	02/03/20	02/03/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0B0401	02/04/20	02/04/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.2 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	02/03/20	02/03/20	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

S.5 (1.5')

0B03004-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*75-125*		*P0B0306*	*02/03/20*	*02/03/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.7 %*	*75-125*		*P0B0306*	*02/03/20*	*02/03/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2110**	5.43	mg/kg dry	5	P0B0310	02/03/20	02/03/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0B0401	02/04/20	02/04/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*129 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	02/03/20	02/03/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

S.6 (1.5')

0B03004-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0B0306	02/03/20	02/03/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.5 %*	*75-125*		*P0B0306*	*02/03/20*	*02/03/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.8 %*	*75-125*		*P0B0306*	*02/03/20*	*02/03/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1750**	1.09	mg/kg dry	1	P0B0310	02/03/20	02/03/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0B0401	02/04/20	02/04/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*129 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	02/03/20	02/03/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

S.7 (1')

0B03004-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.6 %*	*75-125*		*P0B0306*	*02/03/20*	*02/04/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0B0306*	*02/03/20*	*02/04/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**532**	1.12	mg/kg dry	1	P0B0310	02/03/20	02/03/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0B0401	02/04/20	02/04/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*112 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*133 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	02/03/20	02/03/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

S.7 (3')

0B03004-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00123	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Toluene	ND	0.00123	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Ethylbenzene	ND	0.00123	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Xylene (p/m)	ND	0.00247	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Xylene (o)	ND	0.00123	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*94.2 %*	*75-125*		*P0B0306*	*02/03/20*	*02/04/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.9 %*	*75-125*		*P0B0306*	*02/03/20*	*02/04/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**112**	1.23	mg/kg dry	1	P0B0310	02/03/20	02/03/20	EPA 300.0	
% Moisture	**19.0**	0.1	%	1	P0B0401	02/04/20	02/04/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	30.9	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C12-C28	ND	30.9	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C28-C35	ND	30.9	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*111 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*131 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	30.9	mg/kg dry	1	[CALC]	02/03/20	02/03/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

S.7 (5')

0B03004-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00106	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.3 %*	*75-125*		*P0B0306*	*02/03/20*	*02/04/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.9 %*	*75-125*		*P0B0306*	*02/03/20*	*02/04/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**38.3**	1.06	mg/kg dry	1	P0B0310	02/03/20	02/03/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0B0401	02/04/20	02/04/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*114 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*132 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	02/03/20	02/03/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

S.11 (2')

0B03004-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*94.8 %*	*75-125*		*P0B0306*	*02/03/20*	*02/04/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*75-125*		*P0B0306*	*02/03/20*	*02/04/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.34**	1.08	mg/kg dry	1	P0B0310	02/03/20	02/03/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0B0401	02/04/20	02/04/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*112 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*129 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	02/03/20	02/03/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

S.8 (2')

0B03004-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00116	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Toluene	ND	0.00116	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Ethylbenzene	ND	0.00116	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Xylene (p/m)	ND	0.00233	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.9 %*	*75-125*		*P0B0306*	*02/03/20*	*02/04/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.5 %*	*75-125*		*P0B0306*	*02/03/20*	*02/04/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**17.1**	1.16	mg/kg dry	1	P0B0310	02/03/20	02/03/20	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P0B0401	02/04/20	02/04/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.1	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C12-C28	ND	29.1	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C28-C35	ND	29.1	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*116 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*134 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	29.1	mg/kg dry	1	[CALC]	02/03/20	02/03/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

S.9 (3')

0B03004-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*75-125*		*P0B0306*	*02/03/20*	*02/04/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.8 %*	*75-125*		*P0B0306*	*02/03/20*	*02/04/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1080**	1.14	mg/kg dry	1	P0B0310	02/03/20	02/03/20	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P0B0401	02/04/20	02/04/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*126 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	02/03/20	02/03/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

S.4 (2.5')

0B03004-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0B0306	02/03/20	02/04/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.5 %*	*75-125*		*P0B0306*	*02/03/20*	*02/04/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.2 %*	*75-125*		*P0B0306*	*02/03/20*	*02/04/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**38.5**	1.11	mg/kg dry	1	P0B0310	02/03/20	02/03/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0B0401	02/04/20	02/04/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0B0303	02/03/20	02/03/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*111 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*129 %*	*70-130*		*P0B0303*	*02/03/20*	*02/03/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	02/03/20	02/03/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B0306 - General Preparation (GC)										
Blank (P0B0306-BLK1)				Prepared & Analyzed: 02/03/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.120*		*94.9*	*75-125*			
LCS (P0B0306-BS1)				Prepared & Analyzed: 02/03/20						
Benzene	0.0866	0.00100	mg/kg wet	0.100		86.6	70-130			
Toluene	0.0869	0.00100	"	0.100		86.9	70-130			
Ethylbenzene	0.111	0.00100	"	0.100		111	70-130			
Xylene (p/m)	0.174	0.00200	"	0.200		86.8	70-130			
Xylene (o)	0.0941	0.00100	"	0.100		94.1	70-130			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			
LCS Dup (P0B0306-BSD1)				Prepared & Analyzed: 02/03/20						
Benzene	0.0970	0.00100	mg/kg wet	0.100		97.0	70-130	11.3	20	
Toluene	0.0978	0.00100	"	0.100		97.8	70-130	11.9	20	
Ethylbenzene	0.111	0.00100	"	0.100		111	70-130	0.739	20	
Xylene (p/m)	0.191	0.00200	"	0.200		95.4	70-130	9.54	20	
Xylene (o)	0.105	0.00100	"	0.100		105	70-130	10.6	20	
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			
Calibration Blank (P0B0306-CCB1)				Prepared & Analyzed: 02/03/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.9*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B0306 - General Preparation (GC)										
Calibration Blank (P0B0306-CCB2)				Prepared: 02/03/20 Analyzed: 02/04/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.1*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.3*	*75-125*			
Calibration Check (P0B0306-CCV1)				Prepared & Analyzed: 02/03/20						
Benzene	0.0959	0.00100	mg/kg wet	0.100		95.9	80-120			
Toluene	0.0958	0.00100	"	0.100		95.8	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.182	0.00200	"	0.200		90.9	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Calibration Check (P0B0306-CCV2)				Prepared: 02/03/20 Analyzed: 02/04/20						
Benzene	0.0910	0.00100	mg/kg wet	0.100		91.0	80-120			
Toluene	0.0904	0.00100	"	0.100		90.4	80-120			
Ethylbenzene	0.0959	0.00100	"	0.100		95.9	80-120			
Xylene (p/m)	0.174	0.00200	"	0.200		86.9	80-120			
Xylene (o)	0.0988	0.00100	"	0.100		98.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.7*	*75-125*			
Calibration Check (P0B0306-CCV3)				Prepared: 02/03/20 Analyzed: 02/04/20						
Benzene	0.0895	0.00100	mg/kg wet	0.100		89.5	80-120			
Toluene	0.0868	0.00100	"	0.100		86.8	80-120			
Ethylbenzene	0.0892	0.00100	"	0.100		89.2	80-120			
Xylene (p/m)	0.165	0.00200	"	0.200		82.5	80-120			
Xylene (o)	0.0926	0.00100	"	0.100		92.6	80-120			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B0306 - General Preparation (GC)										
Matrix Spike (P0B0306-MS1)	**Source: 0B03004-01**			Prepared: 02/03/20 Analyzed: 02/04/20						
Benzene	0.0819	0.00106	mg/kg dry	0.106	ND	76.9	80-120			QM-07
Toluene	0.0759	0.00106	"	0.106	ND	71.3	80-120			QM-07
Ethylbenzene	0.0901	0.00106	"	0.106	ND	84.7	80-120			
Xylene (p/m)	0.141	0.00213	"	0.213	ND	66.1	80-120			QM-07
Xylene (o)	0.0740	0.00106	"	0.106	ND	69.6	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	*0.126*		"	*0.128*		*98.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.131*		"	*0.128*		*103*	*75-125*			
Matrix Spike Dup (P0B0306-MSD1)	**Source: 0B03004-01**			Prepared: 02/03/20 Analyzed: 02/04/20						
Benzene	0.0858	0.00106	mg/kg dry	0.106	ND	80.7	80-120	4.73	20	
Toluene	0.0803	0.00106	"	0.106	ND	75.5	80-120	5.64	20	QM-07
Ethylbenzene	0.0937	0.00106	"	0.106	ND	88.1	80-120	3.90	20	
Xylene (p/m)	0.146	0.00213	"	0.213	ND	68.4	80-120	3.49	20	QM-07
Xylene (o)	0.0782	0.00106	"	0.106	ND	73.5	80-120	5.48	20	QM-07
Surrogate: 4-Bromofluorobenzene	*0.129*		"	*0.128*		*101*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.126*		"	*0.128*		*98.3*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B0310 - * DEFAULT PREP *** **										
Blank (P0B0310-BLK1)				Prepared & Analyzed: 02/03/20						
Chloride	ND	0.100	mg/kg wet							
LCS (P0B0310-BS1)				Prepared & Analyzed: 02/03/20						
Chloride	413	1.00	mg/kg wet	400		103	80-120			
LCS Dup (P0B0310-BSD1)				Prepared & Analyzed: 02/03/20						
Chloride	413	1.00	mg/kg wet	400		103	80-120	0.119	20	
Calibration Blank (P0B0310-CCB1)				Prepared & Analyzed: 02/03/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0B0310-CCB2)				Prepared & Analyzed: 02/03/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0B0310-CCV1)				Prepared & Analyzed: 02/03/20						
Chloride	21.7		mg/kg	20.0		109	0-200			
Calibration Check (P0B0310-CCV2)				Prepared & Analyzed: 02/03/20						
Chloride	21.7		mg/kg	20.0		108	0-200			
Calibration Check (P0B0310-CCV3)				Prepared: 02/03/20 Analyzed: 02/04/20						
Chloride	20.9		mg/kg	20.0		105	0-200			
Matrix Spike (P0B0310-MS1)		**Source: 0B03004-03**		Prepared & Analyzed: 02/03/20						
Chloride	2690	5.43	mg/kg dry	543	2110	106	80-120			
Matrix Spike (P0B0310-MS2)		**Source: 0A16014-07**		Prepared & Analyzed: 02/03/20						
Chloride	4790	12.0	mg/kg dry	1200	3640	95.6	80-120			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B0310 - * DEFAULT PREP *** **										
Matrix Spike Dup (P0B0310-MSD1)		**Source: 0B03004-03**		Prepared & Analyzed: 02/03/20						
Chloride	2700	5.43	mg/kg dry	543	2110	108	80-120	0.397	20	
Matrix Spike Dup (P0B0310-MSD2)		**Source: 0A16014-07**		Prepared & Analyzed: 02/03/20						
Chloride	4780	12.0	mg/kg dry	1200	3640	94.8	80-120	0.199	20	
Batch P0B0401 - * DEFAULT PREP *** **										
Blank (P0B0401-BLK1)				Prepared & Analyzed: 02/04/20						
% Moisture	ND	0.1	%							
Duplicate (P0B0401-DUP1)		**Source: 0B03004-07**		Prepared & Analyzed: 02/04/20						
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P0B0401-DUP2)		**Source: 0B03005-23**		Prepared & Analyzed: 02/04/20						
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P0B0401-DUP3)		**Source: 0B03005-27**		Prepared & Analyzed: 02/04/20						
% Moisture	8.0	0.1	%		9.0			11.8	20	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B0303 - TX 1005										
Blank (P0B0303-BLK1)				Prepared & Analyzed: 02/03/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*119*		*"*	*100*		*119*	*70-130*			
Surrogate: o-Terphenyl	*64.2*		*"*	*50.0*		*128*	*70-130*			
LCS (P0B0303-BS1)				Prepared & Analyzed: 02/03/20						
C6-C12	862	25.0	mg/kg wet	1000		86.2	75-125			
>C12-C28	1030	25.0	"	1000		103	75-125			
Surrogate: 1-Chlorooctane	*107*		*"*	*100*		*107*	*70-130*			
Surrogate: o-Terphenyl	*53.8*		*"*	*50.0*		*108*	*70-130*			
LCS Dup (P0B0303-BSD1)				Prepared & Analyzed: 02/03/20						
C6-C12	851	25.0	mg/kg wet	1000		85.1	75-125	1.30	20	
>C12-C28	1010	25.0	"	1000		101	75-125	1.63	20	
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*56.8*		*"*	*50.0*		*114*	*70-130*			
Calibration Blank (P0B0303-CCB1)				Prepared & Analyzed: 02/03/20						
C6-C12	11.9		mg/kg wet							
>C12-C28	13.7		"							
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*58.2*		*"*	*50.0*		*116*	*70-130*			
Calibration Blank (P0B0303-CCB2)				Prepared & Analyzed: 02/03/20						
C6-C12	12.4		mg/kg wet							
>C12-C28	6.80		"							
Surrogate: 1-Chlorooctane	*105*		*"*	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*57.1*		*"*	*50.0*		*114*	*70-130*			

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B0303 - TX 1005										
Calibration Check (P0B0303-CCV1)				Prepared & Analyzed: 02/03/20						
C6-C12	518	25.0	mg/kg wet	500		104	85-115			
>C12-C28	559	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*117*		*"*	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*59.3*		*"*	*50.0*		*119*	*70-130*			
Calibration Check (P0B0303-CCV2)				Prepared & Analyzed: 02/03/20						
C6-C12	507	25.0	mg/kg wet	500		101	85-115			
>C12-C28	561	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*113*		*"*	*100*		*113*	*70-130*			
Surrogate: o-Terphenyl	*58.0*		*"*	*50.0*		*116*	*70-130*			
Calibration Check (P0B0303-CCV3)				Prepared: 02/03/20 Analyzed: 02/04/20						
C6-C12	507	25.0	mg/kg wet	500		101	85-115			
>C12-C28	563	25.0	"	500		113	85-115			
Surrogate: 1-Chlorooctane	*113*		*"*	*100*		*113*	*70-130*			
Surrogate: o-Terphenyl	*57.8*		*"*	*50.0*		*116*	*70-130*			
Matrix Spike (P0B0303-MS1)		**Source: 0B03005-09**		Prepared: 02/03/20 Analyzed: 02/04/20						
C6-C12	920	25.8	mg/kg dry	1030	12.6	88.1	75-125			
>C12-C28	1120	25.8	"	1030	ND	109	75-125			
Surrogate: 1-Chlorooctane	*120*		*"*	*103*		*116*	*70-130*			
Surrogate: o-Terphenyl	*59.7*		*"*	*51.5*		*116*	*70-130*			
Matrix Spike Dup (P0B0303-MSD1)		**Source: 0B03005-09**		Prepared: 02/03/20 Analyzed: 02/04/20						
C6-C12	929	25.8	mg/kg dry	1030	12.6	88.9	75-125	0.912	20	
>C12-C28	1110	25.8	"	1030	ND	107	75-125	1.76	20	
Surrogate: 1-Chlorooctane	*112*		*"*	*103*		*109*	*70-130*			
Surrogate: o-Terphenyl	*59.5*		*"*	*51.5*		*115*	*70-130*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 2/7/2020

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

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Page 257 of 813

№ 0924

CHAIN-OF-CUSTOD

2/3/2020

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: ~~1/31/2020~~ PAGE 1 OF 1

PO#: LAB WORK ORDER#: 0B03004

PROJECT LOCATION OR NAME: BRUSHY DRAW

LAI PROJECT #: 20.0100.01 COLLECTOR: DS/EC

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl, HNO_3, H_2SO_4 ☐ NaOH ☐, ICE, UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
S-2 (2')	1	1/30/20	1310	S	1				X		X	
S-3 (1.5')	2	"	1330									
S-5 (1.5')	3	1/31/20	0925									
S-6 (1.5')	4		0936									
S-7 (1')	5		1020									
S-7 (3')	6		1021									
S-7 (5')	7		1022									
S-11 (2')	8		1103									
S-8 (2')	9		1111									
S-9 (3')	10		1122									
S-4 (2.5')	11		0956									

TOTAL 11

RELINQUISHED BY:(Signature) Rachel Owen DATE/TIME 2.3.20 / 9:23 RECEIVED BY:(Signature) Anna Bledsoe

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME

NORMAL ☐
1 DAY ☐
2 DAY ☒
OTHER ☐ 3 DAYS

LABORATORY USE ONLY:

RECEIVING TEMP: -5.2-4.2 THERM#: CF11 L2

CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED

☐ CARRIER BILL #

☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Brushy Draw/Select

Project Number: 20-0100-01

Location: NM

Lab Order Number: 0E29001

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-18-9

Report Date: 06/08/20

Released to Imaging: 12/22/2021 9:51:56 AM

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-69	0E29001-01	Soil	05/22/20 11:15	05-29-2020 08:30
C-70	0E29001-02	Soil	05/22/20 11:16	05-29-2020 08:30
C-71	0E29001-03	Soil	05/22/20 11:17	05-29-2020 08:30
C-72	0E29001-04	Soil	05/22/20 11:18	05-29-2020 08:30
C-73	0E29001-05	Soil	05/22/20 11:19	05-29-2020 08:30
C-74	0E29001-06	Soil	05/22/20 11:12	05-29-2020 08:30
C-75	0E29001-07	Soil	05/26/20 12:30	05-29-2020 08:30
C-76	0E29001-08	Soil	05/26/20 12:31	05-29-2020 08:30
C-77	0E29001-09	Soil	05/26/20 12:32	05-29-2020 08:30
C-78	0E29001-10	Soil	05/26/20 12:33	05-29-2020 08:30
C-79	0E29001-11	Soil	05/26/20 12:34	05-29-2020 08:30
C-80	0E29001-12	Soil	05/26/20 12:35	05-29-2020 08:30
C-81	0E29001-13	Soil	05/26/20 12:36	05-29-2020 08:30
C-82	0E29001-14	Soil	05/26/20 12:37	05-29-2020 08:30
C-83	0E29001-15	Soil	05/26/20 12:38	05-29-2020 08:30
C-84	0E29001-16	Soil	05/26/20 12:39	05-29-2020 08:30
C-85	0E29001-17	Soil	05/26/20 12:40	05-29-2020 08:30
C-86	0E29001-18	Soil	05/26/20 12:41	05-29-2020 08:30
C-87	0E29001-19	Soil	05/26/20 12:42	05-29-2020 08:30
C-88	0E29001-20	Soil	05/26/20 12:43	05-29-2020 08:30
C-89	0E29001-21	Soil	05/26/20 12:44	05-29-2020 08:30
C-90	0E29001-22	Soil	05/26/20 12:45	05-29-2020 08:30
C-91	0E29001-23	Soil	05/26/20 12:46	05-29-2020 08:30
C-92	0E29001-24	Soil	05/26/20 12:47	05-29-2020 08:30
C-93	0E29001-25	Soil	05/26/20 12:48	05-29-2020 08:30
C-94	0E29001-26	Soil	05/26/20 12:49	05-29-2020 08:30
C-95	0E29001-27	Soil	05/26/20 12:50	05-29-2020 08:30
C-96	0E29001-28	Soil	05/26/20 12:51	05-29-2020 08:30
C-97	0E29001-29	Soil	05/26/20 12:52	05-29-2020 08:30
C-98	0E29001-30	Soil	05/26/20 12:53	05-29-2020 08:30
C-99	0E29001-31	Soil	05/27/20 10:15	05-29-2020 08:30
C-100	0E29001-32	Soil	05/27/20 10:16	05-29-2020 08:30
C-101	0E29001-33	Soil	05/27/20 10:17	05-29-2020 08:30
C-102	0E29001-34	Soil	05/27/20 10:18	05-29-2020 08:30

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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-103	0E29001-35	Soil	05/27/20 10:19	05-29-2020 08:30
C-104	0E29001-36	Soil	05/27/20 10:20	05-29-2020 08:30
C-105	0E29001-37	Soil	05/27/20 10:21	05-29-2020 08:30
C-106	0E29001-38	Soil	05/27/20 10:22	05-29-2020 08:30
C-107	0E29001-39	Soil	05/27/20 10:23	05-29-2020 08:30
C-108	0E29001-40	Soil	05/27/20 10:24	05-29-2020 08:30
C-109	0E29001-41	Soil	05/27/20 10:25	05-29-2020 08:30
C-110	0E29001-42	Soil	05/27/20 10:26	05-29-2020 08:30
C-111	0E29001-43	Soil	05/27/20 10:27	05-29-2020 08:30
C-112	0E29001-44	Soil	05/27/20 10:28	05-29-2020 08:30
C-113	0E29001-45	Soil	05/27/20 10:29	05-29-2020 08:30
C-114	0E29002-01	Soil	05/22/20 10:30	05-29-2020 08:30
C-115	0E29002-02	Soil	05/22/20 10:31	05-29-2020 08:30
C-116	0E29002-03	Soil	05/22/20 10:32	05-29-2020 08:30
C-117	0E29002-04	Soil	05/22/20 10:33	05-29-2020 08:30
C-118	0E29002-05	Soil	05/22/20 10:34	05-29-2020 08:30
C-119	0E29002-06	Soil	05/22/20 10:35	05-29-2020 08:30
C-120	0E29002-07	Soil	05/27/20 10:36	05-29-2020 08:30
C-121	0E29002-08	Soil	05/27/20 10:37	05-29-2020 08:30
C-122	0E29002-09	Soil	05/27/20 10:38	05-29-2020 08:30
C-123	0E29002-10	Soil	05/27/20 10:39	05-29-2020 08:30
C-124	0E29002-11	Soil	05/27/20 10:40	05-29-2020 08:30
C-125	0E29002-12	Soil	05/27/20 10:41	05-29-2020 08:30
C-126	0E29002-13	Soil	05/27/20 10:42	05-29-2020 08:30
C-127	0E29002-14	Soil	05/27/20 10:43	05-29-2020 08:30
C-128	0E29002-15	Soil	05/27/20 10:44	05-29-2020 08:30
C-129	0E29002-16	Soil	05/27/20 10:45	05-29-2020 08:30
C-130	0E29002-17	Soil	05/27/20 10:46	05-29-2020 08:30
C-131	0E29002-18	Soil	05/27/20 10:47	05-29-2020 08:30
C-132	0E29002-19	Soil	05/27/20 10:48	05-29-2020 08:30
C-133	0E29002-20	Soil	05/27/20 10:49	05-29-2020 08:30
C-134	0E29002-21	Soil	05/27/20 10:50	05-29-2020 08:30
C-135	0E29002-22	Soil	05/27/20 10:51	05-29-2020 08:30
C-136	0E29002-23	Soil	05/27/20 10:52	05-29-2020 08:30

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-137	0E29002-24	Soil	05/27/20 10:53	05-29-2020 08:30
C-138	0E29002-25	Soil	05/27/20 10:54	05-29-2020 08:30
C-139	0E29002-26	Soil	05/27/20 10:55	05-29-2020 08:30
C-140	0E29002-27	Soil	05/27/20 10:56	05-29-2020 08:30
C-141	0E29002-28	Soil	05/27/20 10:57	05-29-2020 08:30
C-142	0E29002-29	Soil	05/27/20 10:58	05-29-2020 08:30
C-143	0E29002-30	Soil	05/27/20 10:59	05-29-2020 08:30
C-144	0E29002-31	Soil	05/27/20 11:00	05-29-2020 08:30
C-145	0E29002-32	Soil	05/27/20 11:01	05-29-2020 08:30
C-146	0E29002-33	Soil	05/27/20 11:02	05-29-2020 08:30
C-147	0E29002-34	Soil	05/27/20 11:03	05-29-2020 08:30
C-148	0E29002-35	Soil	05/27/20 11:04	05-29-2020 08:30
C-149	0E29002-36	Soil	05/27/20 11:05	05-29-2020 08:30
C-150	0E29002-37	Soil	05/27/20 11:06	05-29-2020 08:30
C-151	0E29002-38	Soil	05/27/20 11:07	05-29-2020 08:30
C-152	0E29002-39	Soil	05/27/20 11:08	05-29-2020 08:30
C-153	0E29002-40	Soil	05/27/20 11:09	05-29-2020 08:30
C-154	0E29002-41	Soil	05/27/20 11:10	05-29-2020 08:30
C-155	0E29002-42	Soil	05/27/20 11:11	05-29-2020 08:30
C-156	0E29002-43	Soil	05/27/20 11:12	05-29-2020 08:30
C-157	0E29002-44	Soil	05/27/20 11:13	05-29-2020 08:30
C-158	0E29002-45	Soil	05/27/20 11:14	05-29-2020 08:30
C-159	0E29003-01	Soil	05/27/20 11:15	05-29-2020 08:30
C-160	0E29003-02	Soil	05/27/20 11:16	05-29-2020 08:30
C-161	0E29003-03	Soil	05/27/20 11:17	05-29-2020 08:30
C-162	0E29003-04	Soil	05/27/20 11:18	05-29-2020 08:30
C-163	0E29003-05	Soil	05/27/20 11:19	05-29-2020 08:30
C-164	0E29003-06	Soil	05/27/20 11:20	05-29-2020 08:30
C-165	0E29003-07	Soil	05/27/20 11:21	05-29-2020 08:30
C-166	0E29003-08	Soil	05/27/20 11:22	05-29-2020 08:30
C-167	0E29003-09	Soil	05/27/20 11:23	05-29-2020 08:30
C-168	0E29003-10	Soil	05/27/20 11:24	05-29-2020 08:30
C-169	0E29003-11	Soil	05/27/20 11:25	05-29-2020 08:30
C-170	0E29003-12	Soil	05/27/20 11:26	05-29-2020 08:30

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-171	0E29003-13	Soil	05/27/20 11:27	05-29-2020 08:30
C-172	0E29003-14	Soil	05/27/20 11:28	05-29-2020 08:30
C-173	0E29003-15	Soil	05/27/20 11:29	05-29-2020 08:30
C-174	0E29003-16	Soil	05/27/20 11:30	05-29-2020 08:30
C-175	0E29003-17	Soil	05/27/20 11:31	05-29-2020 08:30
C-176	0E29003-18	Soil	05/27/20 11:32	05-29-2020 08:30
C-177	0E29003-19	Soil	05/27/20 11:33	05-29-2020 08:30
C-178	0E29003-20	Soil	05/27/20 11:34	05-29-2020 08:30
C-179	0E29003-21	Soil	05/27/20 11:35	05-29-2020 08:30
C-180	0E29003-22	Soil	05/27/20 11:36	05-29-2020 08:30
C-181	0E29003-23	Soil	05/27/20 11:37	05-29-2020 08:30
C-182	0E29003-24	Soil	05/27/20 11:38	05-29-2020 08:30
C-183	0E29003-25	Soil	05/27/20 11:39	05-29-2020 08:30
C-184	0E29003-26	Soil	05/27/20 11:40	05-29-2020 08:30
C-185	0E29003-27	Soil	05/27/20 11:41	05-29-2020 08:30
C-186	0E29003-28	Soil	05/27/20 11:42	05-29-2020 08:30
C-187	0E29003-29	Soil	05/27/20 11:43	05-29-2020 08:30
C-188	0E29003-30	Soil	05/27/20 11:44	05-29-2020 08:30
C-189	0E29003-31	Soil	05/27/20 11:45	05-29-2020 08:30
C-190	0E29003-32	Soil	05/27/20 11:46	05-29-2020 08:30
C-191	0E29003-33	Soil	05/27/20 11:47	05-29-2020 08:30
C-192	0E29003-34	Soil	05/27/20 11:48	05-29-2020 08:30
C-193	0E29003-35	Soil	05/27/20 11:49	05-29-2020 08:30
C-194	0E29003-36	Soil	05/28/20 10:30	05-29-2020 08:30
C-195	0E29003-37	Soil	05/28/20 10:31	05-29-2020 08:30
C-196	0E29003-38	Soil	05/28/20 10:32	05-29-2020 08:30
C-197	0E29003-39	Soil	05/28/20 10:33	05-29-2020 08:30
C-198	0E29003-40	Soil	05/28/20 10:34	05-29-2020 08:30
C-199	0E29003-41	Soil	05/28/20 10:35	05-29-2020 08:30
C-200	0E29003-42	Soil	05/28/20 10:36	05-29-2020 08:30
C-201	0E29003-43	Soil	05/28/20 10:37	05-29-2020 08:30
C-202	0E29003-44	Soil	05/28/20 10:38	05-29-2020 08:30
C-203	0E29003-45	Soil	05/28/20 10:39	05-29-2020 08:30
C-204	0E29004-01	Soil	05/28/20 10:40	05-29-2020 08:30

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-205	0E29004-02	Soil	05/28/20 10:41	05-29-2020 08:30
C-206	0E29004-03	Soil	05/28/20 10:42	05-29-2020 08:30
C-207	0E29004-04	Soil	05/28/20 10:43	05-29-2020 08:30
C-208	0E29004-05	Soil	05/28/20 10:44	05-29-2020 08:30
C-209	0E29004-06	Soil	05/28/20 10:45	05-29-2020 08:30
C-210	0E29004-07	Soil	05/28/20 10:46	05-29-2020 08:30
C-211	0E29004-08	Soil	05/28/20 10:47	05-29-2020 08:30
C-212	0E29004-09	Soil	05/28/20 10:48	05-29-2020 08:30
C-213	0E29004-10	Soil	05/28/20 10:49	05-29-2020 08:30
C-214	0E29004-11	Soil	05/28/20 10:50	05-29-2020 08:30
C-215	0E29004-12	Soil	05/28/20 10:51	05-29-2020 08:30
C-216	0E29004-13	Soil	05/28/20 10:52	05-29-2020 08:30
C-217	0E29004-14	Soil	05/28/20 10:53	05-29-2020 08:30
C-218	0E29004-15	Soil	05/28/20 10:54	05-29-2020 08:30
C-219	0E29004-16	Soil	05/28/20 10:55	05-29-2020 08:30
C-220	0E29004-17	Soil	05/28/20 10:56	05-29-2020 08:30
C-221	0E29004-18	Soil	05/28/20 10:57	05-29-2020 08:30
C-222	0E29004-19	Soil	05/28/20 10:58	05-29-2020 08:30
C-223	0E29004-20	Soil	05/28/20 10:59	05-29-2020 08:30
C-224	0E29004-21	Soil	05/28/20 11:00	05-29-2020 08:30
C-225	0E29004-22	Soil	05/28/20 11:01	05-29-2020 08:30
C-226	0E29004-23	Soil	05/28/20 11:02	05-29-2020 08:30
C-227	0E29004-24	Soil	05/28/20 11:03	05-29-2020 08:30
C-228	0E29004-25	Soil	05/28/20 11:04	05-29-2020 08:30
C-229	0E29004-26	Soil	05/28/20 11:05	05-29-2020 08:30
C-230	0E29004-27	Soil	05/28/20 11:06	05-29-2020 08:30
C-231	0E29004-28	Soil	05/28/20 11:07	05-29-2020 08:30
C-232	0E29004-29	Soil	05/28/20 11:08	05-29-2020 08:30
C-233	0E29004-30	Soil	05/28/20 11:09	05-29-2020 08:30

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-69

0E29001-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E2901	05/29/20 08:00	05/29/20 17:53	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E2901	05/29/20 08:00	05/29/20 17:53	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E2901	05/29/20 08:00	05/29/20 17:53	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E2901	05/29/20 08:00	05/29/20 17:53	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E2901	05/29/20 08:00	05/29/20 17:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0E2901*	*05/29/20 08:00*	*05/29/20 17:53*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.6 %*	*75-125*		*P0E2901*	*05/29/20 08:00*	*05/29/20 17:53*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1380**	1.01	mg/kg dry	1	P0F0112	06/01/20 17:04	06/02/20 12:37	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 21:10	TPH 8015M	
>C12-C28	**101**	25.3	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 21:10	TPH 8015M	
>C28-C35	**31.7**	25.3	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 21:10	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 21:10*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 21:10*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**133**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	05/29/20 21:10	calc	

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-70

0E29001-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2901	05/29/20 08:00	05/29/20 18:13	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2901	05/29/20 08:00	05/29/20 18:13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2901	05/29/20 08:00	05/29/20 18:13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2901	05/29/20 08:00	05/29/20 18:13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2901	05/29/20 08:00	05/29/20 18:13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.9 %*	*75-125*		*P0E2901*	*05/29/20 08:00*	*05/29/20 18:13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0E2901*	*05/29/20 08:00*	*05/29/20 18:13*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3840**	5.00	mg/kg dry	5	P0F0112	06/01/20 17:04	06/02/20 12:53	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 21:33	TPH 8015M	
>C12-C28	**27.9**	25.0	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 21:33	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 21:33	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 21:33*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 21:33*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**27.9**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/29/20 21:33	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-71

0E29001-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 20:55	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 20:55	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 20:55	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 20:55	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 20:55	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.9 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 20:55*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.5 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 20:55*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5000**	10.1	mg/kg dry	10	P0F0112	06/01/20 17:04	06/02/20 13:09	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 21:56	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 21:56	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 21:56	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 21:56*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 21:56*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	05/29/20 21:56	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-72

0E29001-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 21:16	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 21:16	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 21:16	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 21:16	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 21:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 21:16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.4 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 21:16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2320**	5.38	mg/kg dry	5	P0F0112	06/01/20 17:04	06/02/20 13:25	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 22:20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 22:20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 22:20	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 22:20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 22:20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/29/20 12:00	05/29/20 22:20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-73

0E29001-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 21:36	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 21:36	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 21:36	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 21:36	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 21:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.6 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 21:36*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.6 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 21:36*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**796**	1.01	mg/kg dry	1	P0F0112	06/01/20 17:04	06/02/20 13:41	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 22:43	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 22:43	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 22:43	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 22:43*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 22:43*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	05/29/20 22:43	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-74

0E29001-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 21:57	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 21:57	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 21:57	EPA 8021B	
Xylene (p/m)	**0.00237**	0.00200	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 21:57	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 21:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 21:57*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.8 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 21:57*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.5**	1.00	mg/kg dry	1	P0F0112	06/01/20 17:04	06/02/20 13:57	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 23:06	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 23:06	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 23:06	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 23:06*	*TPH 8015M*	
Surrogate: o-Terphenyl		*100 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 23:06*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/29/20 23:06	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-75

0E29001-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 22:17	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 22:17	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 22:17	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 22:17	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 22:17	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 22:17*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 22:17*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**560**	1.01	mg/kg dry	1	P0F0112	06/01/20 17:04	06/02/20 14:44	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 23:29	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 23:29	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 23:29	TPH 8015M	
Surrogate: 1-Chlorooctane		*112 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 23:29*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 23:29*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	05/29/20 23:29	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-76

0E29001-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 22:38	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 22:38	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 22:38	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 22:38	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 22:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 22:38*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 22:38*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6240**	10.0	mg/kg dry	10	P0F0112	06/01/20 17:04	06/02/20 15:29	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 23:52	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 23:52	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2904	05/29/20 12:00	05/29/20 23:52	TPH 8015M	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 23:52*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/29/20 23:52*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/29/20 23:52	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-77

0E29001-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 22:58	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 22:58	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 22:58	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 22:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 22:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.1 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 22:58*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 22:58*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2460**	5.00	mg/kg dry	5	P0F0112	06/01/20 17:04	06/02/20 16:17	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2904	05/29/20 12:00	05/30/20 00:15	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2904	05/29/20 12:00	05/30/20 00:15	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2904	05/29/20 12:00	05/30/20 00:15	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/30/20 00:15*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P0E2904*	*05/29/20 12:00*	*05/30/20 00:15*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 00:15	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-78

0E29001-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 23:19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 23:19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 23:19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 23:19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 23:19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.5 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 23:19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*94.3 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 23:19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**430**	1.00	mg/kg dry	1	P0F0112	06/01/20 17:04	06/02/20 16:32	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 02:59	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 02:59	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 02:59	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 02:59*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 02:59*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 02:59	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-79

0E29001-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 23:39	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 23:39	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 23:39	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 23:39	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/29/20 23:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.3 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 23:39*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/29/20 23:39*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1020**	1.00	mg/kg dry	1	P0F0112	06/01/20 17:04	06/02/20 16:48	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 03:23	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 03:23	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 03:23	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.0 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 03:23*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 03:23*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 03:23	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-80

0E29001-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 00:00	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 00:00	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 00:00	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 00:00	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 00:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.6 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 00:00*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.4 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 00:00*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**74.7**	1.02	mg/kg dry	1	P0F0112	06/01/20 17:04	06/02/20 17:04	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 03:47	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 03:47	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 03:47	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 03:47*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 03:47*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 03:47	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-81

0E29001-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 01:01	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 01:01	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 01:01	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 01:01	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 01:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.6 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 01:01*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 01:01*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**13.3**	1.01	mg/kg dry	1	P0F0112	06/01/20 17:04	06/03/20 00:29	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 04:10	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 04:10	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 04:10	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 04:10*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 04:10*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 04:10	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-82

0E29001-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 01:22	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 01:22	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 01:22	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 01:22	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 01:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.6 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 01:22*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 01:22*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**186**	1.00	mg/kg dry	1	P0F0112	06/01/20 17:04	06/03/20 00:45	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 04:34	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 04:34	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 04:34	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 04:34*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 04:34*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 04:34	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-83

0E29001-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 01:42	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 01:42	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 01:42	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 01:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 01:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.6 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 01:42*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 01:42*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**25.2**	1.00	mg/kg dry	1	P0F0112	06/01/20 17:04	06/03/20 07:27	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 04:57	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 04:57	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 04:57	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 04:57*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 04:57*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 04:57	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-84

0E29001-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 02:02	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 02:02	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 02:02	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 02:02	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 02:02	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 02:02*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.9 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 02:02*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**14.4**	1.00	mg/kg dry	1	P0F0112	06/01/20 17:04	06/03/20 07:43	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 05:21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 05:21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 05:21	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 05:21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 05:21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 05:21	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-85

0E29001-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 02:22	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 02:22	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 02:22	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 02:22	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 02:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.4 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 02:22*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 02:22*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**117**	1.00	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 09:17	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 05:44	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 05:44	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 05:44	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.5 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 05:44*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.0 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 05:44*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 05:44	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-86

0E29001-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 02:42	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 02:42	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 02:42	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 02:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 02:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 02:42*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 02:42*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.6**	1.00	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 11:34	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 06:08	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 06:08	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 06:08	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 06:08*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.2 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 06:08*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 06:08	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-87

0E29001-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 03:03	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 03:03	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 03:03	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 03:03	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 03:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.6 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 03:03*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 03:03*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**65.4**	1.11	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 11:50	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 06:32	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 06:32	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 06:32	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 06:32*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 06:32*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 06:32	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-88

0E29001-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 03:23	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 03:23	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 03:23	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 03:23	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 03:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.9 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 03:23*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 03:23*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**36.6**	1.00	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 12:06	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 07:42	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 07:42	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 07:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 07:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 07:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 07:42	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-89

0E29001-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 03:43	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 03:43	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 03:43	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 03:43	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 03:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 03:43*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.3 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 03:43*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**905**	1.02	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 12:22	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 08:06	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 08:06	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 08:06	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 08:06*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 08:06*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 08:06	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-90

0E29001-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00119	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 04:03	EPA 8021B	
Toluene	ND	0.00119	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 04:03	EPA 8021B	
Ethylbenzene	ND	0.00119	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 04:03	EPA 8021B	
Xylene (p/m)	ND	0.00238	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 04:03	EPA 8021B	
Xylene (o)	ND	0.00119	mg/kg dry	1	P0E2905	05/29/20 14:12	05/30/20 04:03	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.5 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 04:03*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.7 %*	*75-125*		*P0E2905*	*05/29/20 14:12*	*05/30/20 04:03*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**218**	1.19	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 12:38	EPA 300.0	
% Moisture	**16.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.8	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 08:29	TPH 8015M	
>C12-C28	ND	29.8	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 08:29	TPH 8015M	
>C28-C35	ND	29.8	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 08:29	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 08:29*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 08:29*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.8	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 08:29	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-91

0E29001-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 06:47	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 06:47	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 06:47	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 06:47	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 06:47	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.7 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 06:47*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.7 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 06:47*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**682**	1.05	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 12:53	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 08:53	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 08:53	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 08:53	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.7 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 08:53*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 08:53*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 08:53	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-92

0E29001-24 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 07:07	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 07:07	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 07:07	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 07:07	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 07:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.3 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 07:07*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 07:07*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**239**	1.03	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 13:09	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 09:16	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 09:16	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 09:16	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 09:16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 09:16*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 09:16	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-93

0E29001-25 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 07:27	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 07:27	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 07:27	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 07:27	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 07:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 07:27*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 07:27*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**257**	1.05	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 13:25	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 09:39	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 09:39	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 09:39	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 09:39*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 09:39*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 09:39	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-94

0E29001-26 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 07:48	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 07:48	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 07:48	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 07:48	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 07:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.4 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 07:48*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 07:48*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**434**	1.00	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 13:41	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 10:03	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 10:03	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 10:03	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.7 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 10:03*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.0 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 10:03*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 10:03	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-95

0E29001-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 08:08	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 08:08	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 08:08	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 08:08	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 08:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.2 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 08:08*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.4 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 08:08*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**361**	1.03	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 15:05	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 10:26	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 10:26	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 10:26	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 10:26*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 10:26*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 10:26	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-96

0E29001-28 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 08:28	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 08:28	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 08:28	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 08:28	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 08:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.2 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 08:28*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.5 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 08:28*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1020**	1.01	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 15:21	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 10:49	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 10:49	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 10:49	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.2 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 10:49*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 10:49*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 10:49	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-97

0E29001-29 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 08:49	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 08:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 08:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 08:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 08:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.6 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 08:49*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.4 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 08:49*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**51.8**	1.00	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 16:08	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 11:12	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 11:12	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2907	05/29/20 12:00	05/30/20 11:12	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 11:12*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P0E2907*	*05/29/20 12:00*	*05/30/20 11:12*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 11:12	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-98

0E29001-30 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 09:10	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 09:10	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 09:10	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 09:10	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 09:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 09:10*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.5 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 09:10*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.51**	1.00	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 16:24	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 13:55	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 13:55	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 13:55	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 13:55*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.3 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 13:55*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 13:55	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-99

0E29001-31 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 09:30	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 09:30	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 09:30	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 09:30	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 09:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 09:30*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.8 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 09:30*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**74.1**	1.00	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 16:40	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 14:18	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 14:18	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 14:18	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 14:18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.8 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 14:18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 14:18	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-100

0E29001-32 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 09:51	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 09:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 09:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 09:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 09:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.4 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 09:51*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.7 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 09:51*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.62**	1.00	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 16:56	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 14:42	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 14:42	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 14:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.4 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 14:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.8 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 14:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 14:42	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-101

0E29001-33 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 10:53	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 10:53	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 10:53	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 10:53	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 10:53	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.5 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 10:53*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.3 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 10:53*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**21.4**	1.00	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 17:12	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 15:05	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 15:05	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 15:05	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 15:05*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 15:05*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 15:05	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-102

0E29001-34 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 11:13	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 11:13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 11:13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 11:13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 11:13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 11:13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.4 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 11:13*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.26**	1.00	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 17:27	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 15:29	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 15:29	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 15:29	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 15:29*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.8 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 15:29*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 15:29	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-103

0E29001-35 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 11:34	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 11:34	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 11:34	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 11:34	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 11:34	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 11:34*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.1 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 11:34*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**38.5**	1.00	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 17:43	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 15:52	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 15:52	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 15:52	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 15:52*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.7 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 15:52*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 15:52	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-104

0E29001-36 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 11:54	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 11:54	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 11:54	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 11:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 11:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.1 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 11:54*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.0 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 11:54*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**65.7**	1.00	mg/kg dry	1	P0F0113	06/01/20 17:06	06/03/20 17:59	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 16:16	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 16:16	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 16:16	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.4 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 16:16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*89.9 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 16:16*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 16:16	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-105

0E29001-37 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 12:15	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 12:15	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 12:15	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 12:15	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 12:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 12:15*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 12:15*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**26.8**	1.01	mg/kg dry	1	P0F0205	06/02/20 12:59	06/03/20 19:34	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**27.4**	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 16:39	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 16:39	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 16:39	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 16:39*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 16:39*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**27.4**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 16:39	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-106

0E29001-38 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 12:35	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 12:35	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 12:35	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 12:35	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 12:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.7 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 12:35*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 12:35*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**16.1**	1.01	mg/kg dry	1	P0F0205	06/02/20 12:59	06/03/20 19:49	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 17:03	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 17:03	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 17:03	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.7 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 17:03*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.1 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 17:03*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 17:03	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-107

0E29001-39 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 12:56	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 12:56	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 12:56	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 12:56	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 12:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 12:56*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.6 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 12:56*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.76**	1.01	mg/kg dry	1	P0F0205	06/02/20 12:59	06/03/20 20:05	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 17:26	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 17:26	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 17:26	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.7 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 17:26*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.9 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 17:26*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 17:26	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-108

0E29001-40 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 13:16	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 13:16	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 13:16	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 13:16	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 13:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 13:16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.8 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 13:16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**416**	1.00	mg/kg dry	1	P0F0205	06/02/20 12:59	06/03/20 20:21	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 18:36	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 18:36	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 18:36	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 18:36*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.1 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 18:36*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 18:36	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-109

0E29001-41 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00112	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 13:36	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 13:36	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 13:36	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 13:36	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 13:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.3 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 13:36*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 13:36*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1280**	1.12	mg/kg dry	1	P0F0205	06/02/20 12:59	06/03/20 20:37	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 18:59	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 18:59	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 18:59	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.6 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 18:59*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.4 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 18:59*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 18:59	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-110

0E29001-42 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 13:57	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 13:57	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 13:57	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 13:57	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E2906	05/29/20 14:16	05/30/20 13:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 13:57*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*93.0 %*	*75-125*		*P0E2906*	*05/29/20 14:16*	*05/30/20 13:57*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**89.6**	1.01	mg/kg dry	1	P0F0205	06/02/20 12:59	06/03/20 20:52	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 19:22	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 19:22	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 19:22	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.5 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 19:22*	*TPH 8015M*	
Surrogate: o-Terphenyl		*84.0 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 19:22*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 19:22	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-111

0E29001-43 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 18:28	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 18:28	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 18:28	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 18:28	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 18:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.6 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 18:28*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.1 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 18:28*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**19.9**	1.09	mg/kg dry	1	P0F0205	06/02/20 12:59	06/03/20 21:08	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 19:45	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 19:45	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 19:45	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.5 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 19:45*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.4 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 19:45*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 19:45	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-112

0E29001-44 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00143	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 18:49	EPA 8021B	
Toluene	ND	0.00143	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 18:49	EPA 8021B	
Ethylbenzene	ND	0.00143	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 18:49	EPA 8021B	
Xylene (p/m)	ND	0.00286	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 18:49	EPA 8021B	
Xylene (o)	ND	0.00143	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 18:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.4 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 18:49*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 18:49*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**33.3**	1.43	mg/kg dry	1	P0F0205	06/02/20 12:59	06/03/20 21:24	EPA 300.0	
% Moisture	**30.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	35.7	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 20:09	TPH 8015M	
>C12-C28	ND	35.7	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 20:09	TPH 8015M	
>C28-C35	ND	35.7	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 20:09	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 20:09*	*TPH 8015M*	
Surrogate: o-Terphenyl		*91.2 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 20:09*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	35.7	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 20:09	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-113

0E29001-45 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 19:09	EPA 8021B	
Toluene	**0.00193**	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 19:09	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 19:09	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 19:09	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 19:09	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 19:09*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 19:09*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**80.6**	10.1	mg/kg dry	10	P0F0205	06/02/20 12:59	06/03/20 21:40	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 20:32	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 20:32	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 20:32	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.2 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 20:32*	*TPH 8015M*	
Surrogate: o-Terphenyl		*82.6 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 20:32*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 20:32	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-114

0E29002-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 19:29	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 19:29	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 19:29	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 19:29	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 19:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 19:29*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 19:29*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**84.2**	1.01	mg/kg dry	1	P0F0205	06/02/20 12:59	06/03/20 22:27	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 20:55	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 20:55	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 20:55	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.8 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 20:55*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.6 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 20:55*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 20:55	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-115

0E29002-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 19:49	EPA 8021B	
Toluene	**0.00113**	0.00108	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 19:49	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 19:49	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 19:49	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 19:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.3 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 19:49*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 19:49*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**210**	5.38	mg/kg dry	5	P0F0205	06/02/20 12:59	06/03/20 23:15	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 21:18	TPH 8015M	
>C12-C28	**71.1**	26.9	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 21:18	TPH 8015M	
>C28-C35	**38.3**	26.9	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 21:18	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.1 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 21:18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.8 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 21:18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**109**	26.9	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 21:18	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-116

0E29002-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 20:10	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 20:10	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 20:10	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 20:10	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 20:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.4 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 20:10*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.9 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 20:10*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**20.9**	1.01	mg/kg dry	1	P0F0205	06/02/20 12:59	06/04/20 00:02	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 21:41	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 21:41	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 21:41	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.4 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 21:41*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.6 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 21:41*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 21:41	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-117

0E29002-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00125	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 20:30	EPA 8021B	
Toluene	ND	0.00125	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 20:30	EPA 8021B	
Ethylbenzene	ND	0.00125	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 20:30	EPA 8021B	
Xylene (p/m)	ND	0.00250	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 20:30	EPA 8021B	
Xylene (o)	ND	0.00125	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 20:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.8 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 20:30*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 20:30*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**54.9**	1.25	mg/kg dry	1	P0F0205	06/02/20 12:59	06/04/20 00:18	EPA 300.0	
% Moisture	**20.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	31.2	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 22:04	TPH 8015M	
>C12-C28	ND	31.2	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 22:04	TPH 8015M	
>C28-C35	ND	31.2	mg/kg dry	1	P0E2908	05/29/20 12:00	05/30/20 22:04	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 22:04*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.6 %*	*70-130*		*P0E2908*	*05/29/20 12:00*	*05/30/20 22:04*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	31.2	mg/kg dry	1	[CALC]	05/29/20 12:00	05/30/20 22:04	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-118

0E29002-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 20:51	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 20:51	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 20:51	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 20:51	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 20:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 20:51*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 20:51*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**73.3**	1.01	mg/kg dry	1	P0F0205	06/02/20 12:59	06/04/20 00:34	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 00:49	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 00:49	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 00:49	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.5 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 00:49*	*TPH 8015M*	
Surrogate: o-Terphenyl		*69.5 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 00:49*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 00:49	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-119

0E29002-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 21:11	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 21:11	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 21:11	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 21:11	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 21:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 21:11*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*94.7 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 21:11*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**66.8**	1.01	mg/kg dry	1	P0F0205	06/02/20 12:59	06/04/20 00:50	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 01:12	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 01:12	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 01:12	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.2 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 01:12*	*TPH 8015M*	
Surrogate: o-Terphenyl		*72.8 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 01:12*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 01:12	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-120

0E29002-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 21:32	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 21:32	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 21:32	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 21:32	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 21:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 21:32*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.5 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 21:32*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**55.5**	1.01	mg/kg dry	1	P0F0205	06/02/20 12:59	06/04/20 01:06	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 01:35	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 01:35	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 01:35	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.1 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 01:35*	*TPH 8015M*	
Surrogate: o-Terphenyl		*73.9 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 01:35*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 01:35	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-121

0E29002-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 22:33	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 22:33	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 22:33	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 22:33	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 22:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.2 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 22:33*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.7 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 22:33*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**291**	1.08	mg/kg dry	1	P0F0205	06/02/20 12:59	06/04/20 01:22	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 01:58	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 01:58	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 01:58	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.2 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 01:58*	*TPH 8015M*	
Surrogate: o-Terphenyl		*60.9 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 01:58*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 01:58	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-122

0E29002-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 22:53	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 22:53	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 22:53	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 22:53	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 22:53	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 22:53*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.4 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 22:53*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**182**	1.00	mg/kg dry	1	P0F0205	06/02/20 12:59	06/04/20 01:37	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 02:21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 02:21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 02:21	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.5 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 02:21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*64.6 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 02:21*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 02:21	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-123

0E29002-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00132	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 23:14	EPA 8021B	
Toluene	ND	0.00132	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 23:14	EPA 8021B	
Ethylbenzene	ND	0.00132	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 23:14	EPA 8021B	
Xylene (p/m)	ND	0.00263	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 23:14	EPA 8021B	
Xylene (o)	ND	0.00132	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 23:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 23:14*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 23:14*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**470**	1.32	mg/kg dry	1	P0F0205	06/02/20 12:59	06/04/20 01:53	EPA 300.0	
% Moisture	**24.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	32.9	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 02:45	TPH 8015M	
>C12-C28	**80.8**	32.9	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 02:45	TPH 8015M	
>C28-C35	**43.8**	32.9	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 02:45	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.0 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 02:45*	*TPH 8015M*	
Surrogate: o-Terphenyl		*62.4 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 02:45*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**125**	32.9	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 02:45	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-124

0E29002-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00132	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 23:35	EPA 8021B	
Toluene	**0.00320**	0.00132	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 23:35	EPA 8021B	
Ethylbenzene	ND	0.00132	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 23:35	EPA 8021B	
Xylene (p/m)	ND	0.00263	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 23:35	EPA 8021B	
Xylene (o)	ND	0.00132	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 23:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 23:35*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*94.4 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 23:35*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**852**	1.32	mg/kg dry	1	P0F0205	06/02/20 12:59	06/04/20 02:09	EPA 300.0	
% Moisture	**24.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	32.9	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 03:08	TPH 8015M	
>C12-C28	ND	32.9	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 03:08	TPH 8015M	
>C28-C35	ND	32.9	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 03:08	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.0 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 03:08*	*TPH 8015M*	
Surrogate: o-Terphenyl		*74.6 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 03:08*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	32.9	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 03:08	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-125

0E29002-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 23:56	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 23:56	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 23:56	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 23:56	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/30/20 23:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 23:56*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.0 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/30/20 23:56*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**114**	1.01	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 03:44	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 03:32	TPH 8015M	
>C12-C28	**26.6**	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 03:32	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 03:32	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.1 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 03:32*	*TPH 8015M*	
Surrogate: o-Terphenyl		*59.3 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 03:32*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**26.6**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 03:32	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-126

0E29002-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 00:16	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 00:16	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 00:16	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 00:16	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 00:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.8 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/31/20 00:16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/31/20 00:16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**529**	1.01	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 04:31	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 03:56	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 03:56	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 03:56	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.4 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 03:56*	*TPH 8015M*	
Surrogate: o-Terphenyl		*63.4 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 03:56*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 03:56	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-127

0E29002-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00110	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 00:37	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 00:37	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 00:37	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 00:37	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 00:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.9 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/31/20 00:37*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/31/20 00:37*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**160**	1.10	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 04:47	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 04:19	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 04:19	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 04:19	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.1 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 04:19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*68.2 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 04:19*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 04:19	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-128

0E29002-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 00:57	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 00:57	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 00:57	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 00:57	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 00:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/31/20 00:57*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/31/20 00:57*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**118**	1.01	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 05:02	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 05:29	TPH 8015M	
>C12-C28	**70.7**	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 05:29	TPH 8015M	
>C28-C35	**30.4**	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 05:29	TPH 8015M	
Surrogate: 1-Chlorooctane		*78.2 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 05:29*	*TPH 8015M*	
Surrogate: o-Terphenyl		*53.3 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 05:29*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**101**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 05:29	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-129

0E29002-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 01:17	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 01:17	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 01:17	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 01:17	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 01:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.8 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/31/20 01:17*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/31/20 01:17*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**303**	1.00	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 05:18	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 05:53	TPH 8015M	
>C12-C28	**35.3**	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 05:53	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 05:53	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.4 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 05:53*	*TPH 8015M*	
Surrogate: o-Terphenyl		*70.9 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 05:53*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**35.3**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 05:53	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-130

0E29002-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00130	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 01:38	EPA 8021B	
Toluene	**0.00191**	0.00130	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 01:38	EPA 8021B	
Ethylbenzene	ND	0.00130	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 01:38	EPA 8021B	
Xylene (p/m)	ND	0.00260	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 01:38	EPA 8021B	
Xylene (o)	ND	0.00130	mg/kg dry	1	P0E3002	05/30/20 15:19	05/31/20 01:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/31/20 01:38*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.1 %*	*75-125*		*P0E3002*	*05/30/20 15:19*	*05/31/20 01:38*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**201**	1.30	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 05:34	EPA 300.0	
% Moisture	**23.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	32.5	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 06:17	TPH 8015M	
>C12-C28	**57.5**	32.5	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 06:17	TPH 8015M	
>C28-C35	ND	32.5	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 06:17	TPH 8015M	
Surrogate: 1-Chlorooctane		*81.5 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 06:17*	*TPH 8015M*	
Surrogate: o-Terphenyl		*60.0 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 06:17*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**57.5**	32.5	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 06:17	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-131

0E29002-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00122	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 04:23	EPA 8021B	
Toluene	ND	0.00122	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 04:23	EPA 8021B	
Ethylbenzene	ND	0.00122	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 04:23	EPA 8021B	
Xylene (p/m)	ND	0.00244	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 04:23	EPA 8021B	
Xylene (o)	ND	0.00122	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 04:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*90.3 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 04:23*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.8 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 04:23*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**508**	1.22	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 05:50	EPA 300.0	
% Moisture	**18.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	30.5	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 06:41	TPH 8015M	
>C12-C28	**57.4**	30.5	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 06:41	TPH 8015M	
>C28-C35	ND	30.5	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 06:41	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.0 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 06:41*	*TPH 8015M*	
Surrogate: o-Terphenyl		*54.1 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 06:41*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**57.4**	30.5	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 06:41	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-132

0E29002-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 04:43	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 04:43	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 04:43	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 04:43	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 04:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.4 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 04:43*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 04:43*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**84.8**	1.00	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 06:06	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 07:04	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 07:04	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 07:04	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.4 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 07:04*	*TPH 8015M*	
Surrogate: o-Terphenyl		*47.2 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 07:04*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 07:04	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-133

0E29002-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 05:03	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 05:03	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 05:03	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 05:03	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 05:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.6 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 05:03*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.1 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 05:03*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2140**	1.00	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 06:21	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 07:28	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 07:28	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 07:28	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.1 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 07:28*	*TPH 8015M*	
Surrogate: o-Terphenyl		*81.3 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 07:28*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 07:28	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-134

0E29002-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 05:24	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 05:24	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 05:24	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 05:24	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 05:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 05:24*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.9 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 05:24*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**266**	1.00	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 06:37	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 07:51	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 07:51	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 07:51	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.6 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 07:51*	*TPH 8015M*	
Surrogate: o-Terphenyl		*67.4 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 07:51*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 07:51	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-135

0E29002-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 05:44	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 05:44	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 05:44	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 05:44	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 05:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.5 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 05:44*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 05:44*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**194**	1.00	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 07:24	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 08:15	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 08:15	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 08:15	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.8 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 08:15*	*TPH 8015M*	
Surrogate: o-Terphenyl		*54.8 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 08:15*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 08:15	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-136

0E29002-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 06:05	EPA 8021B	
Toluene	**0.00117**	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 06:05	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 06:05	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 06:05	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 06:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.9 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 06:05*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 06:05*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**156**	1.00	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 08:12	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 08:38	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 08:38	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 08:38	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.8 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 08:38*	*TPH 8015M*	
Surrogate: o-Terphenyl		*80.7 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 08:38*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 08:38	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-137

0E29002-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 06:25	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 06:25	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 06:25	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 06:25	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 06:25	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 06:25*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.2 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 06:25*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**90.6**	1.01	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 08:28	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**25.3**	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 09:01	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 09:01	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2909	05/29/20 12:00	06/01/20 09:01	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 09:01*	*TPH 8015M*	
Surrogate: o-Terphenyl		*86.7 %*	*70-130*		*P0E2909*	*05/29/20 12:00*	*06/01/20 09:01*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**25.3**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/01/20 09:01	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-138

0E29002-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 06:46	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 06:46	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 06:46	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 06:46	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 06:46	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 06:46*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.4 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 06:46*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**91.4**	1.00	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 08:44	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 00:14	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 00:14	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 00:14	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.5 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 00:14*	*TPH 8015M*	
Surrogate: o-Terphenyl		*78.4 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 00:14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 00:14	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-139

0E29002-26 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 07:06	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 07:06	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 07:06	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 07:06	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 07:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.7 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 07:06*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 07:06*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**32.0**	1.00	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 08:59	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 00:37	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 00:37	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 00:37	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 00:37*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.0 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 00:37*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 00:37	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-140

0E29002-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 07:26	EPA 8021B	
Toluene	**0.00407**	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 07:26	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 07:26	EPA 8021B	
Xylene (p/m)	**0.00200**	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 07:26	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 07:26	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 07:26*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 07:26*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**103**	1.00	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 09:15	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 01:00	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 01:00	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 01:00	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.9 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 01:00*	*TPH 8015M*	
Surrogate: o-Terphenyl		*57.4 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 01:00*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 01:00	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-141

0E29002-28 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 08:27	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 08:27	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 08:27	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 08:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 08:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.8 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 08:27*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.8 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 08:27*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**29.3**	1.00	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 09:31	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 01:23	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 01:23	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 01:23	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.1 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 01:23*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.6 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 01:23*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 01:23	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-142

0E29002-29 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 08:47	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 08:47	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 08:47	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 08:47	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 08:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.6 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 08:47*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 08:47*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**97.9**	1.00	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 09:47	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 01:47	TPH 8015M	
>C12-C28	**167**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 01:47	TPH 8015M	
>C28-C35	**79.6**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 01:47	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.9 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 01:47*	*TPH 8015M*	
Surrogate: o-Terphenyl		*56.6 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 01:47*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**247**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 01:47	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-143

0E29002-30 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 09:08	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 09:08	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 09:08	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 09:08	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 09:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 09:08*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 09:08*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**264**	1.00	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 10:03	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 02:10	TPH 8015M	
>C12-C28	**135**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 02:10	TPH 8015M	
>C28-C35	**55.6**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 02:10	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 02:10*	*TPH 8015M*	
Surrogate: o-Terphenyl		*91.2 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 02:10*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**191**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 02:10	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-144

0E29002-31 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 09:28	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 09:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 09:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 09:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 09:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.3 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 09:28*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 09:28*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**521**	1.00	mg/kg dry	1	P0F0206	06/02/20 13:01	06/04/20 10:19	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 02:33	TPH 8015M	
>C12-C28	**49.8**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 02:33	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 02:33	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.5 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 02:33*	*TPH 8015M*	
Surrogate: o-Terphenyl		*66.2 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 02:33*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**49.8**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 02:33	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-145

0E29002-32 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 09:49	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 09:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 09:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 09:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 09:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 09:49*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.3 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 09:49*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**464**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 11:54	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 02:56	TPH 8015M	
>C12-C28	**58.1**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 02:56	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 02:56	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.8 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 02:56*	*TPH 8015M*	
Surrogate: o-Terphenyl		*70.2 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 02:56*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**58.1**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 02:56	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-146

0E29002-33 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 10:09	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 10:09	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 10:09	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 10:09	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 10:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 10:09*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 10:09*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**228**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 13:50	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 03:19	TPH 8015M	
>C12-C28	**31.9**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 03:19	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 03:19	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.2 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 03:19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*59.4 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 03:19*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**31.9**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 03:19	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-147

0E29002-34 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 10:29	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 10:29	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 10:29	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 10:29	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 10:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.5 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 10:29*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 10:29*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**478**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 14:06	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 03:41	TPH 8015M	
>C12-C28	**156**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 03:41	TPH 8015M	
>C28-C35	**73.7**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 03:41	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.4 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 03:41*	*TPH 8015M*	
Surrogate: o-Terphenyl		*63.8 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 03:41*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**229**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 03:41	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-148

0E29002-35 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 10:49	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 10:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 10:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 10:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 10:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 10:49*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.8 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 10:49*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**761**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 14:21	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 04:50	TPH 8015M	
>C12-C28	**78.3**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 04:50	TPH 8015M	
>C28-C35	**35.0**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 04:50	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.8 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 04:50*	*TPH 8015M*	
Surrogate: o-Terphenyl		*86.4 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 04:50*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**113**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 04:50	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-149

0E29002-36 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 11:09	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 11:09	EPA 8021B	
Ethylbenzene	**0.00181**	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 11:09	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 11:09	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 11:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 11:09*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 11:09*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**361**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 14:37	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 05:14	TPH 8015M	
>C12-C28	**131**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 05:14	TPH 8015M	
>C28-C35	**62.0**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 05:14	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.6 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 05:14*	*TPH 8015M*	
Surrogate: o-Terphenyl		*77.0 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 05:14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**193**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 05:14	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-150

0E29002-37 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 11:29	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 11:29	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 11:29	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 11:29	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3003	05/30/20 15:23	05/31/20 11:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 11:29*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.9 %*	*75-125*		*P0E3003*	*05/30/20 15:23*	*05/31/20 11:29*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**351**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 14:53	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 05:37	TPH 8015M	
>C12-C28	**158**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 05:37	TPH 8015M	
>C28-C35	**72.8**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 05:37	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.0 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 05:37*	*TPH 8015M*	
Surrogate: o-Terphenyl		*84.5 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 05:37*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**231**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 05:37	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-151

0E29002-38 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 14:14	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 14:14	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 14:14	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 14:14	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 14:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 14:14*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.1 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 14:14*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**109**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 15:09	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 06:00	TPH 8015M	
>C12-C28	**111**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 06:00	TPH 8015M	
>C28-C35	**51.2**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 06:00	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.3 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 06:00*	*TPH 8015M*	
Surrogate: o-Terphenyl		*75.2 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 06:00*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**162**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 06:00	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-152

0E29002-39 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 14:34	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 14:34	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 14:34	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 14:34	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 14:34	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.6 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 14:34*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*92.2 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 14:34*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**43.7**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 15:25	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 06:23	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 06:23	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 06:23	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.6 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 06:23*	*TPH 8015M*	
Surrogate: o-Terphenyl		*75.5 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 06:23*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 06:23	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-153

0E29002-40 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 14:55	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 14:55	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 14:55	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 14:55	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 14:55	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.1 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 14:55*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*93.6 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 14:55*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**210**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 15:40	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 06:46	TPH 8015M	
>C12-C28	**81.0**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 06:46	TPH 8015M	
>C28-C35	**39.0**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 06:46	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.1 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 06:46*	*TPH 8015M*	
Surrogate: o-Terphenyl		*81.5 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 06:46*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**120**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 06:46	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-154

0E29002-41 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 15:15	EPA 8021B	
Toluene	**0.00236**	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 15:15	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 15:15	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 15:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 15:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 15:15*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.8 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 15:15*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**20.7**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 15:56	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**26.8**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 07:09	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 07:09	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 07:09	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.9 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 07:09*	*TPH 8015M*	
Surrogate: o-Terphenyl		*70.4 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 07:09*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**26.8**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 07:09	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-155

0E29002-42 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 15:36	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 15:36	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 15:36	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 15:36	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 15:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.5 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 15:36*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.5 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 15:36*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**122**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 16:43	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 07:32	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 07:32	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 07:32	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.0 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 07:32*	*TPH 8015M*	
Surrogate: o-Terphenyl		*55.1 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 07:32*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 07:32	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-156

0E29002-43 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 15:56	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 15:56	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 15:56	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 15:56	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 15:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 15:56*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.6 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 15:56*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**108**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 17:31	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 07:55	TPH 8015M	
>C12-C28	**29.1**	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 07:55	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 07:55	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.2 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 07:55*	*TPH 8015M*	
Surrogate: o-Terphenyl		*66.0 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 07:55*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**29.1**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 07:55	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-157

0E29002-44 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 16:16	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 16:16	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 16:16	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 16:16	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 16:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 16:16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.9 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 16:16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**122**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 17:46	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 08:18	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 08:18	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2910	05/29/20 12:00	06/02/20 08:18	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.1 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 08:18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*80.8 %*	*70-130*		*P0E2910*	*05/29/20 12:00*	*06/02/20 08:18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 08:18	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-158

0E29002-45 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 16:37	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 16:37	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 16:37	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 16:37	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 16:37	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.4 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 16:37*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.6 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 16:37*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**176**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 18:02	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 15:26	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 15:26	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 15:26	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.5 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 15:26*	*TPH 8015M*	
Surrogate: o-Terphenyl		*87.8 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 15:26*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 15:26	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-159

0E29003-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 16:57	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 16:57	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 16:57	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 16:57	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 16:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.7 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 16:57*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 16:57*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**40.0**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 18:18	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 15:49	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 15:49	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 15:49	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.3 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 15:49*	*TPH 8015M*	
Surrogate: o-Terphenyl		*62.4 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 15:49*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 15:49	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-160

0E29003-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 17:18	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 17:18	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 17:18	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 17:18	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 17:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.7 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 17:18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 17:18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**557**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 18:34	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 16:12	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 16:12	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 16:12	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 16:12*	*TPH 8015M*	
Surrogate: o-Terphenyl		*88.8 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 16:12*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 16:12	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-161

0E29003-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 18:19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 18:19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 18:19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 18:19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 18:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.0 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 18:19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.7 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 18:19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1020**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 18:49	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 16:35	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 16:35	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 16:35	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 16:35*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 16:35*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 16:35	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-162

0E29003-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 18:40	EPA 8021B	
Toluene	**0.00231**	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 18:40	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 18:40	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 18:40	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 18:40	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 18:40*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 18:40*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**536**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 19:05	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 16:59	TPH 8015M	
>C12-C28	**40.3**	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 16:59	TPH 8015M	
>C28-C35	**35.8**	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 16:59	TPH 8015M	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 16:59*	*TPH 8015M*	
Surrogate: o-Terphenyl		*91.8 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 16:59*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**76.2**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 16:59	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-163

0E29003-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 19:00	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 19:00	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 19:00	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 19:00	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 19:00	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 19:00*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.7 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 19:00*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**314**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 19:21	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 17:22	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 17:22	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 17:22	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.7 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 17:22*	*TPH 8015M*	
Surrogate: o-Terphenyl		*71.0 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 17:22*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 17:22	calc	

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P.O. Box 50685
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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-164

0E29003-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 19:20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 19:20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 19:20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 19:20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 19:20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.4 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 19:20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.8 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 19:20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**77.9**	1.00	mg/kg dry	1	P0F0207	06/02/20 13:03	06/04/20 19:37	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 17:45	TPH 8015M	
>C12-C28	**44.4**	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 17:45	TPH 8015M	
>C28-C35	**35.4**	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 17:45	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.6 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 17:45*	*TPH 8015M*	
Surrogate: o-Terphenyl		*69.2 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 17:45*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**79.8**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 17:45	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-165

0E29003-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 19:41	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 19:41	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 19:41	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 19:41	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 19:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.4 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 19:41*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 19:41*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**340**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/04/20 21:12	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 18:09	TPH 8015M	
>C12-C28	**39.0**	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 18:09	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 18:09	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.8 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 18:09*	*TPH 8015M*	
Surrogate: o-Terphenyl		*77.3 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 18:09*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**39.0**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 18:09	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-166

0E29003-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 20:01	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 20:01	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 20:01	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 20:01	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 20:01	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 20:01*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.2 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 20:01*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**189**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/04/20 21:59	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 18:32	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 18:32	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 18:32	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.3 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 18:32*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.6 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 18:32*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 18:32	calc	

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Larson & Associates, Inc.
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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-167

0E29003-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 20:22	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 20:22	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 20:22	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 20:22	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 20:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.1 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 20:22*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.8 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 20:22*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**194**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/04/20 22:15	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 18:55	TPH 8015M	
>C12-C28	**88.9**	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 18:55	TPH 8015M	
>C28-C35	**64.7**	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 18:55	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.1 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 18:55*	*TPH 8015M*	
Surrogate: o-Terphenyl		*82.2 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 18:55*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**154**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 18:55	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-168

0E29003-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 20:43	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 20:43	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 20:43	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 20:43	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 20:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.6 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 20:43*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 20:43*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**310**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/04/20 22:31	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 20:05	TPH 8015M	
>C12-C28	**69.9**	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 20:05	TPH 8015M	
>C28-C35	**53.6**	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 20:05	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.4 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 20:05*	*TPH 8015M*	
Surrogate: o-Terphenyl		*72.5 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 20:05*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**124**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 20:05	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-169

0E29003-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 21:04	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 21:04	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 21:04	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 21:04	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 21:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.3 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 21:04*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.7 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 21:04*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**162**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/04/20 22:47	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 20:28	TPH 8015M	
>C12-C28	**41.9**	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 20:28	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 20:28	TPH 8015M	
Surrogate: 1-Chlorooctane		*116 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 20:28*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 20:28*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**41.9**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 20:28	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-170

0E29003-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00116	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 21:24	EPA 8021B	
Toluene	ND	0.00116	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 21:24	EPA 8021B	
Ethylbenzene	ND	0.00116	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 21:24	EPA 8021B	
Xylene (p/m)	ND	0.00233	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 21:24	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P0E3006	05/30/20 15:28	05/31/20 21:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 21:24*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.2 %*	*75-125*		*P0E3006*	*05/30/20 15:28*	*05/31/20 21:24*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**241**	1.16	mg/kg dry	1	P0F0306	06/03/20 16:02	06/04/20 23:03	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**32.6**	29.1	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 20:51	TPH 8015M	
>C12-C28	ND	29.1	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 20:51	TPH 8015M	
>C28-C35	ND	29.1	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 20:51	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.8 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 20:51*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.1 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 20:51*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**32.6**	29.1	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 20:51	calc	

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Larson & Associates, Inc.
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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-171

0E29003-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 13:26	EPA 8021B	
Toluene	**0.00593**	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 13:26	EPA 8021B	
Ethylbenzene	**0.00324**	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 13:26	EPA 8021B	
Xylene (p/m)	**0.0124**	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 13:26	EPA 8021B	
Xylene (o)	**0.00361**	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 13:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.0 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 13:26*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.4 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 13:26*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**160**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/04/20 23:18	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 21:14	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 21:14	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 21:14	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.7 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 21:14*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 21:14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 21:14	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-172

0E29003-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 13:46	EPA 8021B	
Toluene	**0.00134**	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 13:46	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 13:46	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 13:46	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 13:46	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 13:46*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 13:46*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**184**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/05/20 09:51	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 21:37	TPH 8015M	
>C12-C28	**40.4**	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 21:37	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 21:37	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.0 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 21:37*	*TPH 8015M*	
Surrogate: o-Terphenyl		*38.8 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 21:37*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**40.4**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 21:37	calc	

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-173

0E29003-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 14:06	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 14:06	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 14:06	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 14:06	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 14:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.4 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 14:06*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 14:06*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**285**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/05/20 10:07	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 22:00	TPH 8015M	
>C12-C28	**79.2**	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 22:00	TPH 8015M	
>C28-C35	**51.3**	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 22:00	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.1 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 22:00*	*TPH 8015M*	
Surrogate: o-Terphenyl		*51.0 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 22:00*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**131**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 22:00	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-174

0E29003-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 14:27	EPA 8021B	
Toluene	**0.00117**	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 14:27	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 14:27	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 14:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 14:27	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 14:27*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 14:27*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**68.1**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/05/20 10:23	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 22:23	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 22:23	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 22:23	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.2 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 22:23*	*TPH 8015M*	
Surrogate: o-Terphenyl		*82.1 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 22:23*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 22:23	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-175

0E29003-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 14:47	EPA 8021B	
Toluene	**0.00104**	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 14:47	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 14:47	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 14:47	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 14:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.3 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 14:47*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 14:47*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**53.9**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/05/20 11:10	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 22:46	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 22:46	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 22:46	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.3 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 22:46*	*TPH 8015M*	
Surrogate: o-Terphenyl		*73.9 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 22:46*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 22:46	calc	

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Larson & Associates, Inc.
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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-176

0E29003-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 15:08	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 15:08	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 15:08	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 15:08	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 15:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 15:08*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.5 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 15:08*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**129**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/05/20 11:57	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 23:08	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 23:08	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 23:08	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.4 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 23:08*	*TPH 8015M*	
Surrogate: o-Terphenyl		*71.4 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 23:08*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 23:08	calc	

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-177

0E29003-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 15:28	EPA 8021B	
Toluene	**0.00101**	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 15:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 15:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 15:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 15:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.1 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 15:28*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.9 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 15:28*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**98.8**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/05/20 12:13	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 23:31	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 23:31	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2911	05/29/20 12:00	06/02/20 23:31	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.8 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 23:31*	*TPH 8015M*	
Surrogate: o-Terphenyl		*82.5 %*	*70-130*		*P0E2911*	*05/29/20 12:00*	*06/02/20 23:31*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/02/20 23:31	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-178

0E29003-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 15:49	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 15:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 15:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 15:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 15:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.0 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 15:49*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 15:49*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**422**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/05/20 12:29	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**28.2**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 12:41	TPH 8015M	
>C12-C28	**54.5**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 12:41	TPH 8015M	
>C28-C35	**51.5**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 12:41	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.1 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 12:41*	*TPH 8015M*	
Surrogate: o-Terphenyl		*75.1 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 12:41*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**134**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 12:41	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-179

0E29003-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 16:09	EPA 8021B	
Toluene	**0.00243**	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 16:09	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 16:09	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 16:09	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 16:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.5 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 16:09*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 16:09*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**299**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/05/20 12:45	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**30.2**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 13:05	TPH 8015M	
>C12-C28	**33.6**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 13:05	TPH 8015M	
>C28-C35	**31.8**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 13:05	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.0 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 13:05*	*TPH 8015M*	
Surrogate: o-Terphenyl		*79.2 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 13:05*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**95.6**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 13:05	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-180

0E29003-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 16:29	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 16:29	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 16:29	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 16:29	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 16:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 16:29*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 16:29*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**340**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/05/20 13:00	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**28.0**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 13:28	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 13:28	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 13:28	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.8 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 13:28*	*TPH 8015M*	
Surrogate: o-Terphenyl		*80.3 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 13:28*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**28.0**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 13:28	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-181

0E29003-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 17:31	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 17:31	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 17:31	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 17:31	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 17:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.4 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 17:31*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 17:31*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**288**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/05/20 13:16	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**31.9**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 13:52	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 13:52	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 13:52	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.3 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 13:52*	*TPH 8015M*	
Surrogate: o-Terphenyl		*79.6 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 13:52*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**31.9**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 13:52	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-182

0E29003-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 17:52	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 17:52	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 17:52	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 17:52	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 17:52	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.8 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 17:52*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 17:52*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**573**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/05/20 13:32	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**31.6**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 14:15	TPH 8015M	
>C12-C28	**42.4**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 14:15	TPH 8015M	
>C28-C35	**42.7**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 14:15	TPH 8015M	
Surrogate: 1-Chlorooctane		*81.2 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 14:15*	*TPH 8015M*	
Surrogate: o-Terphenyl		*72.5 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 14:15*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**117**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 14:15	calc	

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-183

0E29003-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 18:13	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 18:13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 18:13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 18:13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 18:13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 18:13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 18:13*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**322**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/05/20 13:48	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**31.6**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 14:39	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 14:39	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 14:39	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.9 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 14:39*	*TPH 8015M*	
Surrogate: o-Terphenyl		*71.9 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 14:39*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**31.6**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 14:39	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-184

0E29003-26 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 18:33	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 18:33	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 18:33	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 18:33	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 18:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.2 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 18:33*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 18:33*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**262**	1.00	mg/kg dry	1	P0F0306	06/03/20 16:02	06/05/20 14:03	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**29.8**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 15:03	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 15:03	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 15:03	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.3 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 15:03*	*TPH 8015M*	
Surrogate: o-Terphenyl		*54.7 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 15:03*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**29.8**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 15:03	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-185

0E29003-27 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 18:54	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 18:54	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 18:54	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 18:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 18:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 18:54*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 18:54*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**30.3**	1.00	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 15:38	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**25.2**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 15:27	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 15:27	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 15:27	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.5 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 15:27*	*TPH 8015M*	
Surrogate: o-Terphenyl		*82.3 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 15:27*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**25.2**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 15:27	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-186

0E29003-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 19:14	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 19:14	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 19:14	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 19:14	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 19:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 19:14*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.9 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 19:14*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**38.2**	1.00	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 16:25	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**26.4**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/04/20 08:52	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/04/20 08:52	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/04/20 08:52	TPH 8015M	
Surrogate: 1-Chlorooctane		*80.0 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/04/20 08:52*	*TPH 8015M*	
Surrogate: o-Terphenyl		*54.6 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/04/20 08:52*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**26.4**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 08:52	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-187

0E29003-29 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 19:35	EPA 8021B	
Toluene	**0.00153**	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 19:35	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 19:35	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 19:35	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 19:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 19:35*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.8 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 19:35*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**226**	1.00	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 16:41	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**31.0**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 16:14	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 16:14	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 16:14	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 16:14*	*TPH 8015M*	
Surrogate: o-Terphenyl		*82.8 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 16:14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**31.0**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 16:14	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-188

0E29003-30 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 19:55	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 19:55	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 19:55	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 19:55	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 19:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.3 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 19:55*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 19:55*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**311**	1.01	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 16:57	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**27.9**	25.3	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 17:26	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 17:26	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 17:26	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.8 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 17:26*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.5 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 17:26*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**27.9**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 17:26	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-189

0E29003-31 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 20:15	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 20:15	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 20:15	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 20:15	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 20:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.8 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 20:15*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.1 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 20:15*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**222**	1.01	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 17:13	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**34.1**	25.3	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 17:49	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 17:49	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 17:49	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.0 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 17:49*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.1 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 17:49*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**34.1**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 17:49	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-190

0E29003-32 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 20:36	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 20:36	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 20:36	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 20:36	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0103	06/01/20 10:28	06/01/20 20:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.8 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 20:36*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0F0103*	*06/01/20 10:28*	*06/01/20 20:36*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**943**	1.01	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 17:29	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**35.6**	25.3	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 18:13	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 18:13	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 18:13	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 18:13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 18:13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**35.6**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 18:13	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-191

0E29003-33 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/01/20 23:20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/01/20 23:20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/01/20 23:20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0104	06/01/20 10:32	06/01/20 23:20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/01/20 23:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/01/20 23:20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.7 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/01/20 23:20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**173**	1.00	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 17:44	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**40.8**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 18:36	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 18:36	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 18:36	TPH 8015M	
Surrogate: 1-Chlorooctane		*128 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 18:36*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 18:36*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**40.8**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 18:36	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-192

0E29003-34 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/01/20 23:41	EPA 8021B	
Toluene	**0.00105**	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/01/20 23:41	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/01/20 23:41	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0104	06/01/20 10:32	06/01/20 23:41	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/01/20 23:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.9 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/01/20 23:41*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.4 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/01/20 23:41*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**616**	1.00	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 18:00	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**29.1**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 19:00	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 19:00	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 19:00	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.2 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 19:00*	*TPH 8015M*	
Surrogate: o-Terphenyl		*74.8 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 19:00*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**29.1**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 19:00	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-193

0E29003-35 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 00:01	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 00:01	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 00:01	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 00:01	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 00:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 00:01*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 00:01*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**885**	1.00	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 18:16	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**32.1**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 19:23	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 19:23	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 19:23	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.1 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 19:23*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.3 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 19:23*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**32.1**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 19:23	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-194

0E29003-36 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 00:22	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 00:22	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 00:22	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 00:22	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 00:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 00:22*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.7 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 00:22*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**863**	1.01	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 18:32	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**34.7**	25.3	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 19:46	TPH 8015M	
>C12-C28	**68.9**	25.3	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 19:46	TPH 8015M	
>C28-C35	**62.3**	25.3	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 19:46	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 19:46*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 19:46*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**166**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 19:46	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-195

0E29003-37 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 00:42	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 00:42	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 00:42	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 00:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 00:42	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 00:42*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.5 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 00:42*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**505**	1.00	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 19:19	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**35.8**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 20:10	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 20:10	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 20:10	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 20:10*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 20:10*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**35.8**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 20:10	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-196

0E29003-38 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 01:02	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 01:02	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 01:02	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 01:02	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 01:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.7 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 01:02*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 01:02*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**605**	1.00	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 19:35	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**29.2**	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 20:33	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 20:33	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 20:33	TPH 8015M	
Surrogate: 1-Chlorooctane		*112 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 20:33*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 20:33*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**29.2**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 20:33	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-197

0E29003-39 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 01:22	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 01:22	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 01:22	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 01:22	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 01:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 01:22*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.5 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 01:22*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**197**	1.02	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 19:51	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**33.9**	25.5	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 20:56	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 20:56	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0E2912	05/29/20 12:00	06/03/20 20:56	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 20:56*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0E2912*	*05/29/20 12:00*	*06/03/20 20:56*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**33.9**	25.5	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 20:56	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-198

0E29003-40 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 01:43	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 01:43	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 01:43	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 01:43	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 01:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 01:43*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.3 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 01:43*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**58.3**	1.00	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 20:07	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 17:48	TPH 8015M	
>C12-C28	**37.2**	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 17:48	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 17:48	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.1 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 17:48*	*TPH 8015M*	
Surrogate: o-Terphenyl		*89.0 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 17:48*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**37.2**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 17:48	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-199

0E29003-41 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 02:03	EPA 8021B	
Toluene	**0.00121**	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 02:03	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 02:03	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 02:03	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 02:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.5 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 02:03*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 02:03*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1260**	1.00	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 20:23	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 18:11	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 18:11	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 18:11	TPH 8015M	
Surrogate: 1-Chlorooctane		*72.9 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 18:11*	*TPH 8015M*	
Surrogate: o-Terphenyl		*80.8 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 18:11*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 18:11	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-200

0E29003-42 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 02:24	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 02:24	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 02:24	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 02:24	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 02:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.5 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 02:24*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 02:24*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**771**	1.01	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 20:38	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 18:34	TPH 8015M	
>C12-C28	**143**	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 18:34	TPH 8015M	
>C28-C35	**79.8**	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 18:34	TPH 8015M	
Surrogate: 1-Chlorooctane		*75.4 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 18:34*	*TPH 8015M*	
Surrogate: o-Terphenyl		*83.1 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 18:34*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**223**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 18:34	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-201

0E29003-43 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 03:25	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 03:25	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 03:25	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 03:25	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 03:25	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.4 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 03:25*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 03:25*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5250**	10.1	mg/kg dry	10	P0F0411	06/04/20 16:17	06/05/20 20:54	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 18:57	TPH 8015M	
>C12-C28	**25.6**	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 18:57	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 18:57	TPH 8015M	
Surrogate: 1-Chlorooctane		*77.2 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 18:57*	*TPH 8015M*	
Surrogate: o-Terphenyl		*86.8 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 18:57*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**25.6**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 18:57	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-202

0E29003-44 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 03:46	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 03:46	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 03:46	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 03:46	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 03:46	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 03:46*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 03:46*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11600**	26.0	mg/kg dry	25	P0F0411	06/04/20 16:17	06/05/20 21:42	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 19:19	TPH 8015M	
>C12-C28	**164**	26.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 19:19	TPH 8015M	
>C28-C35	**86.6**	26.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 19:19	TPH 8015M	
Surrogate: 1-Chlorooctane		*68.5 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 19:19*	*TPH 8015M*	*S-GC*
Surrogate: o-Terphenyl		*76.5 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 19:19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**251**	26.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 19:19	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-203

0E29003-45 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 04:06	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 04:06	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 04:06	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 04:06	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 04:06	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 04:06*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.9 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 04:06*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1680**	1.00	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 21:57	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 19:42	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 19:42	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 19:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*76.8 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 19:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*86.9 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 19:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 19:42	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-204

0E29004-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 04:27	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 04:27	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 04:27	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 04:27	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 04:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.4 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 04:27*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 04:27*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1480**	1.02	mg/kg dry	1	P0F0411	06/04/20 16:17	06/05/20 22:13	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 20:05	TPH 8015M	
>C12-C28	**47.2**	25.5	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 20:05	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 20:05	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.2 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 20:05*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.1 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 20:05*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**47.2**	25.5	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 20:05	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-205

0E29004-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 04:47	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 04:47	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 04:47	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 04:47	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 04:47	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 04:47*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.3 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 04:47*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1910**	5.05	mg/kg dry	5	P0F0412	06/04/20 16:19	06/05/20 23:48	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**26.2**	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 20:27	TPH 8015M	
>C12-C28	**29.2**	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 20:27	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 20:27	TPH 8015M	
Surrogate: 1-Chlorooctane		*79.3 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 20:27*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.2 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 20:27*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**55.4**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 20:27	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-206

0E29004-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 05:08	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 05:08	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 05:08	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 05:08	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 05:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.1 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 05:08*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 05:08*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2040**	5.05	mg/kg dry	5	P0F0412	06/04/20 16:19	06/06/20 00:35	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 20:50	TPH 8015M	
>C12-C28	**121**	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 20:50	TPH 8015M	
>C28-C35	**63.9**	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 20:50	TPH 8015M	
Surrogate: 1-Chlorooctane		*84.6 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 20:50*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.4 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 20:50*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**184**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 20:50	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-207

0E29004-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 05:28	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 05:28	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 05:28	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 05:28	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 05:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.3 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 05:28*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 05:28*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1980**	5.26	mg/kg dry	5	P0F0412	06/04/20 16:19	06/06/20 00:51	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 21:12	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 21:12	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 21:12	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.8 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 21:12*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.6 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 21:12*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 21:12	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-208

0E29004-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 05:48	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 05:48	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 05:48	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 05:48	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 05:48	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 05:48*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.5 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 05:48*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1050**	1.00	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 01:06	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 22:20	TPH 8015M	
>C12-C28	**68.9**	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 22:20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 22:20	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.2 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 22:20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.2 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 22:20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**68.9**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 22:20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-209

0E29004-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 06:08	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 06:08	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 06:08	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 06:08	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 06:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 06:08*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.7 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 06:08*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**442**	1.00	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 01:22	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 22:42	TPH 8015M	
>C12-C28	**41.9**	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 22:42	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 22:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*78.8 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 22:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*89.3 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 22:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**41.9**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 22:42	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-210

0E29004-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 06:28	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 06:28	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 06:28	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 06:28	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0104	06/01/20 10:32	06/02/20 06:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 06:28*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.5 %*	*75-125*		*P0F0104*	*06/01/20 10:32*	*06/02/20 06:28*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.32**	1.01	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 01:38	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 23:05	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 23:05	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 23:05	TPH 8015M	
Surrogate: 1-Chlorooctane		*81.9 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 23:05*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.9 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 23:05*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 23:05	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-211

0E29004-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 12:11	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 12:11	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 12:11	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 12:11	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 12:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 12:11*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.3 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 12:11*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.80**	1.03	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 01:54	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**28.8**	25.8	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 23:27	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 23:27	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 23:27	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.9 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 23:27*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 23:27*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**28.8**	25.8	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 23:27	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-212

0E29004-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 12:31	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 12:31	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 12:31	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 12:31	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 12:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.3 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 12:31*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 12:31*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.56**	1.02	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 02:10	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 23:49	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 23:49	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0E2913	05/29/20 12:00	06/03/20 23:49	TPH 8015M	
Surrogate: 1-Chlorooctane		*80.2 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 23:49*	*TPH 8015M*	
Surrogate: o-Terphenyl		*89.6 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/03/20 23:49*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/29/20 12:00	06/03/20 23:49	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-213

0E29004-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 12:52	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 12:52	EPA 8021B	
Ethylbenzene	**0.0141**	0.00105	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 12:52	EPA 8021B	
Xylene (p/m)	**0.0674**	0.00211	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 12:52	EPA 8021B	
Xylene (o)	**0.0398**	0.00105	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 12:52	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*109 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 12:52*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*67.9 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 12:52*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**97.2**	1.05	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 02:25	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**4790**	263	mg/kg dry	10	P0E2913	05/29/20 12:00	06/06/20 20:02	TPH 8015M	
>C12-C28	**23900**	263	mg/kg dry	10	P0E2913	05/29/20 12:00	06/06/20 20:02	TPH 8015M	
>C28-C35	ND	263	mg/kg dry	10	P0E2913	05/29/20 12:00	06/06/20 20:02	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/06/20 20:02*	*TPH 8015M*	
Surrogate: o-Terphenyl		*126 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/06/20 20:02*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**28700**	263	mg/kg dry	10	[CALC]	05/29/20 12:00	06/06/20 20:02	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-214

0E29004-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 13:12	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 13:12	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 13:12	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 13:12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 13:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 13:12*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.8 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 13:12*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**240**	1.00	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 02:41	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/04/20 00:34	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/04/20 00:34	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2913	05/29/20 12:00	06/04/20 00:34	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.3 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/04/20 00:34*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.5 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/04/20 00:34*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 00:34	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-215

0E29004-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 13:32	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 13:32	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 13:32	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 13:32	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 13:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.9 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 13:32*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 13:32*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**87.8**	1.01	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 03:29	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/04/20 00:56	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/04/20 00:56	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2913	05/29/20 12:00	06/04/20 00:56	TPH 8015M	
Surrogate: 1-Chlorooctane		*78.0 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/04/20 00:56*	*TPH 8015M*	
Surrogate: o-Terphenyl		*91.6 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/04/20 00:56*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 00:56	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-216

0E29004-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 13:53	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 13:53	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 13:53	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 13:53	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 13:53	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 13:53*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.8 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 13:53*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**311**	1.03	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 04:16	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0E2913	05/29/20 12:00	06/04/20 01:19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0E2913	05/29/20 12:00	06/04/20 01:19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0E2913	05/29/20 12:00	06/04/20 01:19	TPH 8015M	
Surrogate: 1-Chlorooctane		*69.8 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/04/20 01:19*	*TPH 8015M*	*S-GC*
Surrogate: o-Terphenyl		*83.3 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/04/20 01:19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 01:19	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-217

0E29004-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 14:13	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 14:13	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 14:13	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 14:13	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 14:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 14:13*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.5 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 14:13*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1140**	1.03	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 04:32	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0E2913	05/29/20 12:00	06/04/20 01:41	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0E2913	05/29/20 12:00	06/04/20 01:41	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0E2913	05/29/20 12:00	06/04/20 01:41	TPH 8015M	
Surrogate: 1-Chlorooctane		*72.3 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/04/20 01:41*	*TPH 8015M*	
Surrogate: o-Terphenyl		*84.0 %*	*70-130*		*P0E2913*	*05/29/20 12:00*	*06/04/20 01:41*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 01:41	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-218

0E29004-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 14:33	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 14:33	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 14:33	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 14:33	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 14:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 14:33*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.5 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 14:33*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**183**	1.02	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 04:48	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 04:18	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 04:18	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 04:18	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.5 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 04:18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 04:18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 04:18	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-219

0E29004-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 14:53	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 14:53	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 14:53	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 14:53	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 14:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.4 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 14:53*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 14:53*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**158**	1.02	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 05:04	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 04:41	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 04:41	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 04:41	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.2 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 04:41*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 04:41*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 04:41	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-220

0E29004-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 15:14	EPA 8021B	
Toluene	**0.00117**	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 15:14	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 15:14	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 15:14	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 15:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.1 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 15:14*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 15:14*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**204**	1.01	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 05:20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**27.4**	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 05:03	TPH 8015M	
>C12-C28	**39.4**	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 05:03	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 05:03	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.2 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 05:03*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 05:03*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**66.7**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 05:03	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-221

0E29004-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 16:15	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 16:15	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 16:15	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 16:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 16:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.5 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 16:15*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.9 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 16:15*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**876**	1.00	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 05:35	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 05:26	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 05:26	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 05:26	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.8 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 05:26*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 05:26*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 05:26	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-222

0E29004-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 16:35	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 16:35	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 16:35	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 16:35	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 16:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 16:35*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 16:35*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**138**	1.01	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 05:51	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 05:49	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 05:49	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 05:49	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.6 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 05:49*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 05:49*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 05:49	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-223

0E29004-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 16:56	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 16:56	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 16:56	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 16:56	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 16:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.7 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 16:56*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 16:56*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**19.1**	1.01	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 06:07	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 06:11	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 06:11	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 06:11	TPH 8015M	
Surrogate: 1-Chlorooctane		*84.9 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 06:11*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 06:11*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 06:11	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-224

0E29004-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 17:17	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 17:17	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 17:17	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 17:17	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 17:17	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 17:17*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.3 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 17:17*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**312**	1.00	mg/kg dry	1	P0F0412	06/04/20 16:19	06/06/20 06:23	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 06:34	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 06:34	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 06:34	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.3 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 06:34*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 06:34*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 06:34	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-225

0E29004-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 17:38	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 17:38	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 17:38	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 17:38	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 17:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 17:38*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.7 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 17:38*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**102**	1.02	mg/kg dry	1	P0F0511	06/05/20 15:43	06/06/20 07:57	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**29.9**	25.5	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 06:57	TPH 8015M	
>C12-C28	**30.0**	25.5	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 06:57	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 06:57	TPH 8015M	
Surrogate: 1-Chlorooctane		*81.0 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 06:57*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.0 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 06:57*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**59.9**	25.5	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 06:57	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-226

0E29004-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 17:58	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 17:58	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 17:58	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 17:58	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 17:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 17:58*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 17:58*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**37.3**	5.05	mg/kg dry	5	P0F0511	06/05/20 15:43	06/06/20 08:13	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**27.9**	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 07:20	TPH 8015M	
>C12-C28	**29.0**	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 07:20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 07:20	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.0 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 07:20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 07:20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**56.8**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 07:20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-227

0E29004-24 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 18:18	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 18:18	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 18:18	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 18:18	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 18:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.4 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 18:18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 18:18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**430**	1.01	mg/kg dry	1	P0F0511	06/05/20 15:43	06/06/20 09:00	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**25.6**	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 07:42	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 07:42	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 07:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.1 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 07:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 07:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**25.6**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 07:42	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-228

0E29004-25 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 18:38	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 18:38	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 18:38	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 18:38	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 18:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 18:38*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 18:38*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1090**	5.00	mg/kg dry	5	P0F0511	06/05/20 15:43	06/06/20 09:16	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**27.8**	25.0	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 08:50	TPH 8015M	
>C12-C28	**43.8**	25.0	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 08:50	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 08:50	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.6 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 08:50*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 08:50*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**71.6**	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 08:50	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-229

0E29004-26 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 18:59	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 18:59	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 18:59	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 18:59	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 18:59	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 18:59*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.3 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 18:59*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3250**	5.10	mg/kg dry	5	P0F0511	06/05/20 15:43	06/06/20 09:32	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 09:13	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 09:13	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 09:13	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.7 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 09:13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 09:13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 09:13	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-230

0E29004-27 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 19:20	EPA 8021B	
Toluene	**0.00119**	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 19:20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 19:20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 19:20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0203	06/02/20 09:09	06/02/20 19:20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 19:20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0F0203*	*06/02/20 09:09*	*06/02/20 19:20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**62.4**	1.00	mg/kg dry	1	P0F0511	06/05/20 15:43	06/06/20 09:48	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 09:36	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 09:36	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 09:36	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 09:36*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 09:36*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 09:36	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-231

0E29004-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0204	06/02/20 09:16	06/02/20 22:02	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0204	06/02/20 09:16	06/02/20 22:02	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0204	06/02/20 09:16	06/02/20 22:02	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0204	06/02/20 09:16	06/02/20 22:02	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0204	06/02/20 09:16	06/02/20 22:02	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.1 %*	*75-125*		*P0F0204*	*06/02/20 09:16*	*06/02/20 22:02*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*75-125*		*P0F0204*	*06/02/20 09:16*	*06/02/20 22:02*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**41.2**	1.01	mg/kg dry	1	P0F0511	06/05/20 15:43	06/06/20 10:03	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 09:58	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 09:58	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 09:58	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.4 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 09:58*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 09:58*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 09:58	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-232

0E29004-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0204	06/02/20 09:16	06/02/20 22:23	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0204	06/02/20 09:16	06/02/20 22:23	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0204	06/02/20 09:16	06/02/20 22:23	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0204	06/02/20 09:16	06/02/20 22:23	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0204	06/02/20 09:16	06/02/20 22:23	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0F0204*	*06/02/20 09:16*	*06/02/20 22:23*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.1 %*	*75-125*		*P0F0204*	*06/02/20 09:16*	*06/02/20 22:23*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1200**	1.01	mg/kg dry	1	P0F0511	06/05/20 15:43	06/06/20 10:19	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 10:21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 10:21	TPH 8015M	
>C28-C35	**64.8**	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 10:21	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.1 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 10:21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 10:21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**64.8**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 10:21	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-233

0E29004-30 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0204	06/02/20 09:16	06/02/20 22:44	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0204	06/02/20 09:16	06/02/20 22:44	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0204	06/02/20 09:16	06/02/20 22:44	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0204	06/02/20 09:16	06/02/20 22:44	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0204	06/02/20 09:16	06/02/20 22:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*75-125*		*P0F0204*	*06/02/20 09:16*	*06/02/20 22:44*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0F0204*	*06/02/20 09:16*	*06/02/20 22:44*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**248**	1.01	mg/kg dry	1	P0F0511	06/05/20 15:43	06/06/20 10:35	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0105	06/01/20 11:43	06/01/20 11:49	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**27.4**	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 10:44	TPH 8015M	
>C12-C28	**29.8**	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 10:44	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2914	05/29/20 12:00	06/04/20 10:44	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.0 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 10:44*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P0E2914*	*05/29/20 12:00*	*06/04/20 10:44*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**57.2**	25.3	mg/kg dry	1	[CALC]	05/29/20 12:00	06/04/20 10:44	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2901 - General Preparation (GC)										
Blank (P0E2901-BLK1)				Prepared & Analyzed: 05/29/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.111*		"	*0.120*		*92.4*	*75-125*			
LCS (P0E2901-BS1)				Prepared & Analyzed: 05/29/20						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	70-130			
Toluene	0.0954	0.00100	"	0.100		95.4	70-130			
Ethylbenzene	0.0946	0.00100	"	0.100		94.6	70-130			
Xylene (p/m)	0.207	0.00200	"	0.200		103	70-130			
Xylene (o)	0.102	0.00100	"	0.100		102	70-130			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.120*		*92.8*	*75-125*			
LCS Dup (P0E2901-BSD1)				Prepared & Analyzed: 05/29/20						
Benzene	0.104	0.00100	mg/kg wet	0.100		104	70-130	3.30	20	
Toluene	0.103	0.00100	"	0.100		103	70-130	7.61	20	
Ethylbenzene	0.0961	0.00100	"	0.100		96.1	70-130	1.50	20	
Xylene (p/m)	0.225	0.00200	"	0.200		112	70-130	8.31	20	
Xylene (o)	0.112	0.00100	"	0.100		112	70-130	9.14	20	
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.9*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.5*	*75-125*			
Calibration Blank (P0E2901-CCB1)				Prepared & Analyzed: 05/29/20						
Benzene	0.480		mg/kg wet							
Toluene	0.970		"							
Ethylbenzene	0.570		"							
Xylene (p/m)	1.16		"							
Xylene (o)	0.350		"							
Surrogate: 4-Bromofluorobenzene	*0.108*		"	*0.120*		*89.6*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.111*		"	*0.120*		*92.8*	*75-125*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2901 - General Preparation (GC)										
Calibration Blank (P0E2901-CCB2)				Prepared & Analyzed: 05/29/20						
Benzene	0.00		mg/kg wet							
Toluene	0.430		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.330		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			
Calibration Blank (P0E2901-CCB3)				Prepared & Analyzed: 05/29/20						
Benzene	0.00		mg/kg wet							
Toluene	0.370		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.560		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*96.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.4*	*75-125*			
Calibration Check (P0E2901-CCV1)				Prepared & Analyzed: 05/29/20						
Benzene	0.104	0.00100	mg/kg wet	0.100		104	80-120			
Toluene	0.0988	0.00100	"	0.100		98.8	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		107	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.111*		*"*	*0.120*		*92.2*	*75-125*			
Calibration Check (P0E2901-CCV2)				Prepared & Analyzed: 05/29/20						
Benzene	0.0997	0.00100	mg/kg wet	0.100		99.7	80-120			
Toluene	0.0949	0.00100	"	0.100		94.9	80-120			
Ethylbenzene	0.0963	0.00100	"	0.100		96.3	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.4	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*96.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*99.8*	*75-125*			

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Project Manager: Mark Larson

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2901 - General Preparation (GC)										
Calibration Check (P0E2901-CCV3)				Prepared & Analyzed: 05/29/20						
Benzene	0.0985	0.00100	mg/kg wet	0.100		98.5	80-120			
Toluene	0.0959	0.00100	"	0.100		95.9	80-120			
Ethylbenzene	0.0993	0.00100	"	0.100		99.3	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*99.7*	*75-125*			
Matrix Spike (P0E2901-MS1)		**Source: 0E22001-03**		Prepared & Analyzed: 05/29/20						
Benzene	0.0792	0.00104	mg/kg dry	0.104	ND	76.0	80-120			QM-07
Toluene	0.0794	0.00104	"	0.104	ND	76.3	80-120			QM-07
Ethylbenzene	0.0851	0.00104	"	0.104	ND	81.7	80-120			
Xylene (p/m)	0.154	0.00208	"	0.208	ND	73.9	80-120			QM-07
Xylene (o)	0.0765	0.00104	"	0.104	ND	73.5	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.125*		*101*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.125*		*98.5*	*75-125*			
Matrix Spike Dup (P0E2901-MSD1)		**Source: 0E22001-03**		Prepared & Analyzed: 05/29/20						
Benzene	0.0820	0.00104	mg/kg dry	0.104	ND	78.7	80-120	3.52	20	QM-07
Toluene	0.0851	0.00104	"	0.104	ND	81.7	80-120	6.85	20	
Ethylbenzene	0.0932	0.00104	"	0.104	ND	89.5	80-120	9.09	20	
Xylene (p/m)	0.165	0.00208	"	0.208	ND	79.2	80-120	7.00	20	QM-07
Xylene (o)	0.0805	0.00104	"	0.104	ND	77.3	80-120	5.02	20	QM-07
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.125*		*99.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.125*		*101*	*75-125*			
Batch P0E2905 - General Preparation (GC)										
Blank (P0E2905-BLK1)				Prepared & Analyzed: 05/29/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.120*		*96.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.8*	*75-125*			

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Project Manager: Mark Larson

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2905 - General Preparation (GC)										
LCS (P0E2905-BS1)				Prepared & Analyzed: 05/29/20						
Benzene	0.0978	0.00100	mg/kg wet	0.100		97.8	70-130			
Toluene	0.0984	0.00100	"	0.100		98.4	70-130			
Ethylbenzene	0.0980	0.00100	"	0.100		98.0	70-130			
Xylene (p/m)	0.210	0.00200	"	0.200		105	70-130			
Xylene (o)	0.108	0.00100	"	0.100		108	70-130			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*98.6*	*75-125*			
LCS Dup (P0E2905-BSD1)				Prepared & Analyzed: 05/29/20						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	70-130	3.52	20	
Toluene	0.0996	0.00100	"	0.100		99.6	70-130	1.22	20	
Ethylbenzene	0.0993	0.00100	"	0.100		99.3	70-130	1.32	20	
Xylene (p/m)	0.211	0.00200	"	0.200		105	70-130	0.461	20	
Xylene (o)	0.109	0.00100	"	0.100		109	70-130	0.993	20	
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.7*	*75-125*			
Calibration Blank (P0E2905-CCB1)				Prepared & Analyzed: 05/29/20						
Benzene	0.00		mg/kg wet							
Toluene	0.370		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.560		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.120*		*96.0*	*75-125*			
Calibration Blank (P0E2905-CCB2)				Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.00		mg/kg wet							
Toluene	0.340		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.360		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*97.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.3*	*75-125*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2905 - General Preparation (GC)										
Calibration Blank (P0E2905-CCB3)				Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.00		mg/kg wet							
Toluene	0.310		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.520		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.0*	*75-125*			
Calibration Check (P0E2905-CCV1)				Prepared & Analyzed: 05/29/20						
Benzene	0.0985	0.00100	mg/kg wet	0.100		98.5	80-120			
Toluene	0.0959	0.00100	"	0.100		95.9	80-120			
Ethylbenzene	0.0993	0.00100	"	0.100		99.3	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.120*		*99.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*100*	*75-125*			
Calibration Check (P0E2905-CCV2)				Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.0962	0.00100	mg/kg wet	0.100		96.2	80-120			
Toluene	0.0944	0.00100	"	0.100		94.4	80-120			
Ethylbenzene	0.0953	0.00100	"	0.100		95.3	80-120			
Xylene (p/m)	0.194	0.00200	"	0.200		97.2	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	*0.114*		"	*0.120*		*95.3*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*75-125*			
Calibration Check (P0E2905-CCV3)				Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.0987	0.00100	mg/kg wet	0.100		98.7	80-120			
Toluene	0.0925	0.00100	"	0.100		92.5	80-120			
Ethylbenzene	0.0942	0.00100	"	0.100		94.2	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.5	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*98.4*	*75-125*			

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Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2905 - General Preparation (GC)										
Matrix Spike (P0E2905-MS1)	**Source: 0E29001-03**			Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.0799	0.00101	mg/kg dry	0.101	ND	79.1	80-120			S-GC
Toluene	0.0754	0.00101	"	0.101	ND	74.6	80-120			S-GC
Ethylbenzene	0.0851	0.00101	"	0.101	ND	84.3	80-120			
Xylene (p/m)	0.150	0.00202	"	0.202	ND	74.1	80-120			S-GC
Xylene (o)	0.0734	0.00101	"	0.101	ND	72.6	80-120			S-GC
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.121*		*99.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.121*		*104*	*75-125*			
Matrix Spike Dup (P0E2905-MSD1)	**Source: 0E29001-03**			Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.0797	0.00101	mg/kg dry	0.101	ND	78.9	80-120	0.228	20	S-GC
Toluene	0.0739	0.00101	"	0.101	ND	73.2	80-120	1.96	20	S-GC
Ethylbenzene	0.0856	0.00101	"	0.101	ND	84.8	80-120	0.568	20	
Xylene (p/m)	0.149	0.00202	"	0.202	ND	73.6	80-120	0.623	20	S-GC
Xylene (o)	0.0743	0.00101	"	0.101	ND	73.6	80-120	1.29	20	S-GC
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.121*		*101*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.121*		*104*	*75-125*			
Batch P0E2906 - General Preparation (GC)										
Blank (P0E2906-BLK1)				Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*95.9*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.8*	*75-125*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2906 - General Preparation (GC)										
LCS (P0E2906-BS1)				Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.0929	0.00100	mg/kg wet	0.100		92.9	70-130			
Toluene	0.0908	0.00100	"	0.100		90.8	70-130			
Ethylbenzene	0.108	0.00100	"	0.100		108	70-130			
Xylene (p/m)	0.187	0.00200	"	0.200		93.3	70-130			
Xylene (o)	0.0987	0.00100	"	0.100		98.7	70-130			
Surrogate: 4-Bromofluorobenzene	*0.114*		"	*0.120*		*95.0*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*75-125*			
LCS Dup (P0E2906-BSD1)				Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.0899	0.00100	mg/kg wet	0.100		89.9	70-130	3.30	20	
Toluene	0.0876	0.00100	"	0.100		87.6	70-130	3.55	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	70-130	2.13	20	
Xylene (p/m)	0.185	0.00200	"	0.200		92.6	70-130	0.748	20	
Xylene (o)	0.0937	0.00100	"	0.100		93.7	70-130	5.21	20	
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.3*	*75-125*			
Calibration Blank (P0E2906-CCB1)				Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.00		mg/kg wet							
Toluene	0.310		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.520		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.0*	*75-125*			
Calibration Blank (P0E2906-CCB2)				Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.00		mg/kg wet							
Toluene	0.340		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.480		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.1*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.120*		*92.2*	*75-125*			

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2906 - General Preparation (GC)										
Calibration Blank (P0E2906-CCB3)				Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.380		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.120*		*96.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.3*	*75-125*			
Calibration Check (P0E2906-CCV1)				Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.0987	0.00100	mg/kg wet	0.100		98.7	80-120			
Toluene	0.0925	0.00100	"	0.100		92.5	80-120			
Ethylbenzene	0.0942	0.00100	"	0.100		94.2	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.5	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.4*	*75-125*			
Calibration Check (P0E2906-CCV2)				Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.100	0.00100	mg/kg wet	0.100		100	80-120			
Toluene	0.0985	0.00100	"	0.100		98.5	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.0*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*105*	*75-125*			
Calibration Check (P0E2906-CCV3)				Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.0899	0.00100	mg/kg wet	0.100		89.9	80-120			
Toluene	0.0853	0.00100	"	0.100		85.3	80-120			
Ethylbenzene	0.0853	0.00100	"	0.100		85.3	80-120			
Xylene (p/m)	0.174	0.00200	"	0.200		86.9	80-120			
Xylene (o)	0.0939	0.00100	"	0.100		93.9	80-120			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.0*	*75-125*			

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2906 - General Preparation (GC)										
Matrix Spike (P0E2906-MS1)	**Source: 0E29001-23**			Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.0814	0.00105	mg/kg dry	0.105	ND	77.3	80-120			S-GC
Toluene	0.0788	0.00105	"	0.105	ND	74.8	80-120			S-GC
Ethylbenzene	0.0939	0.00105	"	0.105	ND	89.2	80-120			
Xylene (p/m)	0.156	0.00211	"	0.211	ND	74.3	80-120			S-GC
Xylene (o)	0.0811	0.00105	"	0.105	ND	77.1	80-120			S-GC
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.126*		*101*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.131*		*"*	*0.126*		*103*	*75-125*			
Matrix Spike Dup (P0E2906-MSD1)	**Source: 0E29001-23**			Prepared: 05/29/20 Analyzed: 05/30/20						
Benzene	0.0832	0.00105	mg/kg dry	0.105	ND	79.0	80-120	2.15	20	S-GC
Toluene	0.0791	0.00105	"	0.105	ND	75.1	80-120	0.413	20	S-GC
Ethylbenzene	0.0921	0.00105	"	0.105	ND	87.5	80-120	1.95	20	
Xylene (p/m)	0.154	0.00211	"	0.211	ND	72.9	80-120	1.83	20	S-GC
Xylene (o)	0.0813	0.00105	"	0.105	ND	77.3	80-120	0.246	20	S-GC
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.126*		*98.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.126*		*102*	*75-125*			
Batch P0E3002 - General Preparation (GC)										
Blank (P0E3002-BLK1)				Prepared & Analyzed: 05/30/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.111*		*"*	*0.120*		*92.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.6*	*75-125*			

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E3002 - General Preparation (GC)										
LCS (P0E3002-BS1)				Prepared & Analyzed: 05/30/20						
Benzene	0.0980	0.00100	mg/kg wet	0.100		98.0	70-130			
Toluene	0.0950	0.00100	"	0.100		95.0	70-130			
Ethylbenzene	0.102	0.00100	"	0.100		102	70-130			
Xylene (p/m)	0.210	0.00200	"	0.200		105	70-130			
Xylene (o)	0.103	0.00100	"	0.100		103	70-130			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*96.1*	*75-125*			
LCS Dup (P0E3002-BSD1)				Prepared & Analyzed: 05/30/20						
Benzene	0.108	0.00100	mg/kg wet	0.100		108	70-130	9.48	20	
Toluene	0.105	0.00100	"	0.100		105	70-130	10.4	20	
Ethylbenzene	0.103	0.00100	"	0.100		103	70-130	0.702	20	
Xylene (p/m)	0.232	0.00200	"	0.200		116	70-130	9.68	20	
Xylene (o)	0.113	0.00100	"	0.100		113	70-130	8.96	20	
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*95.5*	*75-125*			
Calibration Blank (P0E3002-CCB1)				Prepared & Analyzed: 05/30/20						
Benzene	0.00		mg/kg wet							
Toluene	0.300		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.6*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*95.6*	*75-125*			
Calibration Blank (P0E3002-CCB2)				Prepared & Analyzed: 05/30/20						
Benzene	0.00		mg/kg wet							
Toluene	0.360		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.340		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.110*		*"*	*0.120*		*91.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.4*	*75-125*			

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Project: Brushy Draw/Select
Project Number: 20-0100-01
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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E3002 - General Preparation (GC)										
Calibration Blank (P0E3002-CCB3)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.00		mg/kg wet							
Toluene	0.480		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.520		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.114*		"	*0.120*		*95.1*	*75-125*			
Calibration Check (P0E3002-CCV1)				Prepared & Analyzed: 05/30/20						
Benzene	0.0962	0.00100	mg/kg wet	0.100		96.2	80-120			
Toluene	0.0928	0.00100	"	0.100		92.8	80-120			
Ethylbenzene	0.0949	0.00100	"	0.100		94.9	80-120			
Xylene (p/m)	0.198	0.00200	"	0.200		98.9	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.9*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*101*	*75-125*			
Calibration Check (P0E3002-CCV2)				Prepared & Analyzed: 05/30/20						
Benzene	0.0979	0.00100	mg/kg wet	0.100		97.9	80-120			
Toluene	0.0929	0.00100	"	0.100		92.9	80-120			
Ethylbenzene	0.0944	0.00100	"	0.100		94.4	80-120			
Xylene (p/m)	0.196	0.00200	"	0.200		98.1	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*96.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*75-125*			
Calibration Check (P0E3002-CCV3)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.0956	0.00100	mg/kg wet	0.100		95.6	80-120			
Toluene	0.0939	0.00100	"	0.100		93.9	80-120			
Ethylbenzene	0.0937	0.00100	"	0.100		93.7	80-120			
Xylene (p/m)	0.191	0.00200	"	0.200		95.7	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.3*	*75-125*			

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Project Manager: Mark Larson

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E3002 - General Preparation (GC)										
Matrix Spike (P0E3002-MS1)		**Source: 0E29001-43**		Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.0771	0.00109	mg/kg dry	0.109	ND	71.0	80-120			S-GC
Toluene	0.0734	0.00109	"	0.109	0.000913	66.7	80-120			S-GC
Ethylbenzene	0.0879	0.00109	"	0.109	ND	80.9	80-120			
Xylene (p/m)	0.155	0.00217	"	0.217	ND	71.3	80-120			S-GC
Xylene (o)	0.0762	0.00109	"	0.109	ND	70.1	80-120			S-GC
Surrogate: 4-Bromofluorobenzene	*0.128*		"	*0.130*		*98.3*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.133*		"	*0.130*		*102*	*75-125*			
Matrix Spike Dup (P0E3002-MSD1)		**Source: 0E29001-43**		Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.0828	0.00109	mg/kg dry	0.109	ND	76.2	80-120	7.10	20	S-GC
Toluene	0.0812	0.00109	"	0.109	0.000913	73.8	80-120	10.1	20	S-GC
Ethylbenzene	0.0986	0.00109	"	0.109	ND	90.7	80-120	11.5	20	
Xylene (p/m)	0.172	0.00217	"	0.217	ND	79.0	80-120	10.2	20	S-GC
Xylene (o)	0.0851	0.00109	"	0.109	ND	78.2	80-120	10.9	20	S-GC
Surrogate: 1,4-Difluorobenzene	*0.131*		"	*0.130*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.128*		"	*0.130*		*98.2*	*75-125*			
Batch P0E3003 - General Preparation (GC)										
LCS (P0E3003-BS1)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.0998	0.00100	mg/kg wet	0.100		99.8	70-130			
Toluene	0.0969	0.00100	"	0.100		96.9	70-130			
Ethylbenzene	0.117	0.00100	"	0.100		117	70-130			
Xylene (p/m)	0.205	0.00200	"	0.200		102	70-130			
Xylene (o)	0.105	0.00100	"	0.100		105	70-130			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.6*	*75-125*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E3003 - General Preparation (GC)										
LCS Dup (P0E3003-BSD1)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.102	0.00100	mg/kg wet	0.100		102	70-130	1.80	20	
Toluene	0.0983	0.00100	"	0.100		98.3	70-130	1.43	20	
Ethylbenzene	0.118	0.00100	"	0.100		118	70-130	1.09	20	
Xylene (p/m)	0.209	0.00200	"	0.200		104	70-130	2.07	20	
Xylene (o)	0.107	0.00100	"	0.100		107	70-130	1.81	20	
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*75-125*			
Calibration Blank (P0E3003-CCB1)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.00		mg/kg wet							
Toluene	0.480		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.520		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.114*		"	*0.120*		*95.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.3*	*75-125*			
Calibration Blank (P0E3003-CCB2)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.370		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.120*		*92.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.9*	*75-125*			
Calibration Blank (P0E3003-CCB3)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.460		"							
Xylene (p/m)	0.590		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.6*	*75-125*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E3003 - General Preparation (GC)										
Calibration Check (P0E3003-CCV1)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.0956	0.00100	mg/kg wet	0.100		95.6	80-120			
Toluene	0.0939	0.00100	"	0.100		93.9	80-120			
Ethylbenzene	0.0937	0.00100	"	0.100		93.7	80-120			
Xylene (p/m)	0.191	0.00200	"	0.200		95.7	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.3*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*75-125*			
Calibration Check (P0E3003-CCV2)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.0959	0.00100	mg/kg wet	0.100		95.9	80-120			
Toluene	0.0942	0.00100	"	0.100		94.2	80-120			
Ethylbenzene	0.0930	0.00100	"	0.100		93.0	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200		95.2	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.6*	*75-125*			
Calibration Check (P0E3003-CCV3)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.0954	0.00100	mg/kg wet	0.100		95.4	80-120			
Toluene	0.0944	0.00100	"	0.100		94.4	80-120			
Ethylbenzene	0.0950	0.00100	"	0.100		95.0	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		95.9	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.5*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*101*	*75-125*			
Matrix Spike (P0E3003-MS1)		**Source: 0E29002-18**		Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.0999	0.00122	mg/kg dry	0.122	ND	81.9	80-120			
Toluene	0.0974	0.00122	"	0.122	0.000671	79.3	80-120			S-GC
Ethylbenzene	0.106	0.00122	"	0.122	ND	87.0	80-120			
Xylene (p/m)	0.185	0.00244	"	0.244	ND	75.9	80-120			S-GC
Xylene (o)	0.0919	0.00122	"	0.122	ND	75.3	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	*0.148*		"	*0.146*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.142*		"	*0.146*		*97.2*	*75-125*			

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E3003 - General Preparation (GC)										
Matrix Spike Dup (P0E3003-MSD1)	**Source: 0E29002-18**			Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.101	0.00122	mg/kg dry	0.122	ND	82.5	80-120	0.645	20	
Toluene	0.0923	0.00122	"	0.122	0.000671	75.2	80-120	5.35	20	S-GC
Ethylbenzene	0.106	0.00122	"	0.122	ND	87.1	80-120	0.126	20	
Xylene (p/m)	0.187	0.00244	"	0.244	ND	76.7	80-120	1.04	20	S-GC
Xylene (o)	0.0928	0.00122	"	0.122	ND	76.1	80-120	1.00	20	S-GC
Surrogate: 4-Bromofluorobenzene	*0.141*		*"*	*0.146*		*96.3*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.147*		*"*	*0.146*		*100*	*75-125*			
Batch P0E3006 - General Preparation (GC)										
Blank (P0E3006-BLK1)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.107*		*"*	*0.120*		*89.4*	*75-125*			
LCS (P0E3006-BS1)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.0990	0.00100	mg/kg wet	0.100		99.0	70-130			
Toluene	0.0954	0.00100	"	0.100		95.4	70-130			
Ethylbenzene	0.101	0.00100	"	0.100		101	70-130			
Xylene (p/m)	0.201	0.00200	"	0.200		100	70-130			
Xylene (o)	0.105	0.00100	"	0.100		105	70-130			
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.120*		*95.2*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E3006 - General Preparation (GC)										
LCS Dup (P0E3006-BSD1)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.110	0.00100	mg/kg wet	0.100		110	70-130	10.5	20	
Toluene	0.105	0.00100	"	0.100		105	70-130	9.07	20	
Ethylbenzene	0.103	0.00100	"	0.100		103	70-130	1.22	20	
Xylene (p/m)	0.227	0.00200	"	0.200		113	70-130	12.2	20	
Xylene (o)	0.114	0.00100	"	0.100		114	70-130	8.20	20	
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.6*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*75-125*			
Calibration Blank (P0E3006-CCB1)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.460		"							
Xylene (p/m)	0.590		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.6*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.7*	*75-125*			
Calibration Blank (P0E3006-CCB2)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.00		mg/kg wet							
Toluene	0.500		"							
Ethylbenzene	0.330		"							
Xylene (p/m)	0.400		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.110*		"	*0.120*		*91.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.7*	*75-125*			
Calibration Blank (P0E3006-CCB3)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.00		mg/kg wet							
Toluene	0.350		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.460		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.3*	*75-125*			

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E3006 - General Preparation (GC)										
Calibration Check (P0E3006-CCV1)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.0954	0.00100	mg/kg wet	0.100		95.4	80-120			
Toluene	0.0944	0.00100	"	0.100		94.4	80-120			
Ethylbenzene	0.0950	0.00100	"	0.100		95.0	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		95.9	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.5*	*75-125*			
Calibration Check (P0E3006-CCV2)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.0951	0.00100	mg/kg wet	0.100		95.1	80-120			
Toluene	0.0929	0.00100	"	0.100		92.9	80-120			
Ethylbenzene	0.0938	0.00100	"	0.100		93.8	80-120			
Xylene (p/m)	0.188	0.00200	"	0.200		93.9	80-120			
Xylene (o)	0.0998	0.00100	"	0.100		99.8	80-120			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.5*	*75-125*			
Calibration Check (P0E3006-CCV3)				Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.0999	0.00100	mg/kg wet	0.100		99.9	80-120			
Toluene	0.0942	0.00100	"	0.100		94.2	80-120			
Ethylbenzene	0.0964	0.00100	"	0.100		96.4	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.7	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.6*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*75-125*			
Matrix Spike (P0E3006-MS1)		**Source: 0E29002-38**		Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.0780	0.00100	mg/kg dry	0.100	ND	78.0	80-120			S-GC
Toluene	0.0731	0.00100	"	0.100	ND	73.1	80-120			S-GC
Ethylbenzene	0.0799	0.00100	"	0.100	ND	79.9	80-120			S-GC
Xylene (p/m)	0.138	0.00200	"	0.200	ND	69.1	80-120			S-GC
Xylene (o)	0.0681	0.00100	"	0.100	ND	68.1	80-120			S-GC
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.5*	*75-125*			

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E3006 - General Preparation (GC)										
Matrix Spike Dup (P0E3006-MSD1)	**Source: 0E29002-38**			Prepared: 05/30/20 Analyzed: 05/31/20						
Benzene	0.0766	0.00100	mg/kg dry	0.100	ND	76.6	80-120	1.82	20	S-GC
Toluene	0.0741	0.00100	"	0.100	ND	74.1	80-120	1.45	20	S-GC
Ethylbenzene	0.0823	0.00100	"	0.100	ND	82.3	80-120	2.89	20	
Xylene (p/m)	0.141	0.00200	"	0.200	ND	70.6	80-120	2.20	20	S-GC
Xylene (o)	0.0684	0.00100	"	0.100	ND	68.4	80-120	0.439	20	S-GC
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*99.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.8*	*75-125*			
Batch P0F0103 - General Preparation (GC)										
Blank (P0F0103-BLK1)				Prepared & Analyzed: 06/01/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.110*		*"*	*0.120*		*91.8*	*75-125*			
LCS (P0F0103-BS1)				Prepared & Analyzed: 06/01/20						
Benzene	0.110	0.00100	mg/kg wet	0.100		110	70-130			
Toluene	0.107	0.00100	"	0.100		107	70-130			
Ethylbenzene	0.105	0.00100	"	0.100		105	70-130			
Xylene (p/m)	0.232	0.00200	"	0.200		116	70-130			
Xylene (o)	0.114	0.00100	"	0.100		114	70-130			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*93.8*	*75-125*			

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0103 - General Preparation (GC)										
LCS Dup (P0F0103-BSD1)				Prepared & Analyzed: 06/01/20						
Benzene	0.0985	0.00100	mg/kg wet	0.100		98.5	70-130	10.8	20	
Toluene	0.0944	0.00100	"	0.100		94.4	70-130	12.6	20	
Ethylbenzene	0.103	0.00100	"	0.100		103	70-130	1.85	20	
Xylene (p/m)	0.205	0.00200	"	0.200		102	70-130	12.6	20	
Xylene (o)	0.101	0.00100	"	0.100		101	70-130	11.8	20	
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.110*		"	*0.120*		*92.0*	*75-125*			
Calibration Blank (P0F0103-CCB1)				Prepared & Analyzed: 06/01/20						
Benzene	0.00		mg/kg wet							
Toluene	0.360		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.320		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.2*	*75-125*			
Calibration Blank (P0F0103-CCB2)				Prepared & Analyzed: 06/01/20						
Benzene	0.00		mg/kg wet							
Toluene	0.540		"							
Ethylbenzene	0.360		"							
Xylene (p/m)	0.490		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.108*		"	*0.120*		*89.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.8*	*75-125*			
Calibration Blank (P0F0103-CCB3)				Prepared & Analyzed: 06/01/20						
Benzene	0.00		mg/kg wet							
Toluene	0.470		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.530		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.109*		"	*0.120*		*91.0*	*75-125*			

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0103 - General Preparation (GC)										
Calibration Check (P0F0103-CCV1)				Prepared & Analyzed: 06/01/20						
Benzene	0.0996	0.00100	mg/kg wet	0.100		99.6	80-120			
Toluene	0.0966	0.00100	"	0.100		96.6	80-120			
Ethylbenzene	0.0994	0.00100	"	0.100		99.4	80-120			
Xylene (p/m)	0.209	0.00200	"	0.200		104	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.114*		"	*0.120*		*95.0*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.124*		"	*0.120*		*104*	*75-125*			
Calibration Check (P0F0103-CCV2)				Prepared & Analyzed: 06/01/20						
Benzene	0.105	0.00100	mg/kg wet	0.100		105	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		106	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.1*	*75-125*			
Calibration Check (P0F0103-CCV3)				Prepared & Analyzed: 06/01/20						
Benzene	0.0984	0.00100	mg/kg wet	0.100		98.4	80-120			
Toluene	0.0972	0.00100	"	0.100		97.2	80-120			
Ethylbenzene	0.0996	0.00100	"	0.100		99.6	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*98.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*75-125*			
Matrix Spike (P0F0103-MS1)	**Source: 0E29003-13**			Prepared & Analyzed: 06/01/20						
Benzene	0.0886	0.00100	mg/kg dry	0.100	ND	88.6	80-120			
Toluene	0.0901	0.00100	"	0.100	0.00593	84.2	80-120			
Ethylbenzene	0.0972	0.00100	"	0.100	0.00324	94.0	80-120			
Xylene (p/m)	0.171	0.00200	"	0.200	0.0124	79.5	80-120			QM-07
Xylene (o)	0.0830	0.00100	"	0.100	0.00361	79.4	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*98.6*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*75-125*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0103 - General Preparation (GC)										
Matrix Spike Dup (P0F0103-MSD1)	**Source: 0E29003-13**			Prepared & Analyzed: 06/01/20						
Benzene	0.0846	0.00100	mg/kg dry	0.100	ND	84.6	80-120	4.63	20	
Toluene	0.0864	0.00100	"	0.100	0.00593	80.5	80-120	4.46	20	
Ethylbenzene	0.0928	0.00100	"	0.100	0.00324	89.6	80-120	4.80	20	
Xylene (p/m)	0.163	0.00200	"	0.200	0.0124	75.2	80-120	5.47	20	QM-07
Xylene (o)	0.0809	0.00100	"	0.100	0.00361	77.2	80-120	2.71	20	QM-07
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.120*		*94.8*	*75-125*			
Batch P0F0104 - General Preparation (GC)										
Blank (P0F0104-BLK1)				Prepared & Analyzed: 06/01/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.110*		*"*	*0.120*		*91.7*	*75-125*			
LCS (P0F0104-BS1)				Prepared & Analyzed: 06/01/20						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	70-130			
Toluene	0.0982	0.00100	"	0.100		98.2	70-130			
Ethylbenzene	0.117	0.00100	"	0.100		117	70-130			
Xylene (p/m)	0.207	0.00200	"	0.200		103	70-130			
Xylene (o)	0.105	0.00100	"	0.100		105	70-130			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.111*		*"*	*0.120*		*92.8*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0104 - General Preparation (GC)										
LCS Dup (P0F0104-BSD1)				Prepared & Analyzed: 06/01/20						
Benzene	0.108	0.00100	mg/kg wet	0.100		108	70-130	6.73	20	
Toluene	0.105	0.00100	"	0.100		105	70-130	6.35	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	70-130	2.73	20	
Xylene (p/m)	0.224	0.00200	"	0.200		112	70-130	7.93	20	
Xylene (o)	0.112	0.00100	"	0.100		112	70-130	5.79	20	
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.120*		*94.9*	*75-125*			
Calibration Blank (P0F0104-CCB1)				Prepared & Analyzed: 06/01/20						
Benzene	0.00		mg/kg wet							
Toluene	0.470		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.530		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*91.0*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.2*	*75-125*			
Calibration Blank (P0F0104-CCB2)				Prepared: 06/01/20 Analyzed: 06/02/20						
Benzene	0.00		mg/kg wet							
Toluene	0.400		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.380		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.111*		*"*	*0.120*		*92.3*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.1*	*75-125*			
Calibration Check (P0F0104-CCV1)				Prepared & Analyzed: 06/01/20						
Benzene	0.0984	0.00100	mg/kg wet	0.100		98.4	80-120			
Toluene	0.0972	0.00100	"	0.100		97.2	80-120			
Ethylbenzene	0.0996	0.00100	"	0.100		99.6	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			

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Project Manager: Mark Larson

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0104 - General Preparation (GC)										
Calibration Check (P0F0104-CCV2)				Prepared: 06/01/20 Analyzed: 06/02/20						
Benzene	0.0976	0.00100	mg/kg wet	0.100		97.6	80-120			
Toluene	0.0941	0.00100	"	0.100		94.1	80-120			
Ethylbenzene	0.0958	0.00100	"	0.100		95.8	80-120			
Xylene (p/m)	0.196	0.00200	"	0.200		98.2	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.0*	*75-125*			
Calibration Check (P0F0104-CCV3)				Prepared: 06/01/20 Analyzed: 06/02/20						
Benzene	0.0977	0.00100	mg/kg wet	0.100		97.7	80-120			
Toluene	0.0959	0.00100	"	0.100		95.9	80-120			
Ethylbenzene	0.0979	0.00100	"	0.100		97.9	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.7	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*98.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Matrix Spike (P0F0104-MS1)		**Source: 0E29003-33**		Prepared: 06/01/20 Analyzed: 06/02/20						
Benzene	0.0829	0.00100	mg/kg dry	0.100	ND	82.9	80-120			
Toluene	0.0870	0.00100	"	0.100	0.000950	86.1	80-120			
Ethylbenzene	0.0926	0.00100	"	0.100	ND	92.6	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200	ND	81.0	80-120			
Xylene (o)	0.0793	0.00100	"	0.100	ND	79.3	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			
Matrix Spike Dup (P0F0104-MSD1)		**Source: 0E29003-33**		Prepared: 06/01/20 Analyzed: 06/02/20						
Benzene	0.0823	0.00100	mg/kg dry	0.100	ND	82.3	80-120	0.811	20	
Toluene	0.0901	0.00100	"	0.100	0.000950	89.1	80-120	3.49	20	
Ethylbenzene	0.0929	0.00100	"	0.100	ND	92.9	80-120	0.313	20	
Xylene (p/m)	0.164	0.00200	"	0.200	ND	81.9	80-120	1.07	20	
Xylene (o)	0.0783	0.00100	"	0.100	ND	78.3	80-120	1.19	20	QM-07
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			

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Project Manager: Mark Larson

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0203 - General Preparation (GC)										
Blank (P0F0203-BLK1)				Prepared & Analyzed: 06/02/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.109*		"	*0.120*		*90.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.3*	*75-125*			
LCS (P0F0203-BS1)				Prepared & Analyzed: 06/02/20						
Benzene	0.109	0.00100	mg/kg wet	0.100		109	70-130			
Toluene	0.107	0.00100	"	0.100		107	70-130			
Ethylbenzene	0.106	0.00100	"	0.100		106	70-130			
Xylene (p/m)	0.230	0.00200	"	0.200		115	70-130			
Xylene (o)	0.115	0.00100	"	0.100		115	70-130			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.0*	*75-125*			
LCS Dup (P0F0203-BSD1)				Prepared & Analyzed: 06/02/20						
Benzene	0.104	0.00100	mg/kg wet	0.100		104	70-130	4.89	20	
Toluene	0.102	0.00100	"	0.100		102	70-130	4.23	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	70-130	0.405	20	
Xylene (p/m)	0.220	0.00200	"	0.200		110	70-130	4.52	20	
Xylene (o)	0.111	0.00100	"	0.100		111	70-130	3.54	20	
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.5*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*75-125*			
Calibration Blank (P0F0203-CCB1)				Prepared & Analyzed: 06/02/20						
Benzene	0.00		mg/kg wet							
Toluene	0.440		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.540		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*96.8*	*75-125*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0203 - General Preparation (GC)										
Calibration Blank (P0F0203-CCB2)				Prepared & Analyzed: 06/02/20						
Benzene	0.00		mg/kg wet							
Toluene	0.350		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.360		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.2*	*75-125*			
Calibration Blank (P0F0203-CCB3)				Prepared & Analyzed: 06/02/20						
Benzene	0.00		mg/kg wet							
Toluene	0.700		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.330		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.114*		"	*0.120*		*95.2*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.8*	*75-125*			
Calibration Check (P0F0203-CCV1)				Prepared & Analyzed: 06/02/20						
Benzene	0.104	0.00100	mg/kg wet	0.100		104	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		106	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	*0.110*		"	*0.120*		*91.5*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*75-125*			
Calibration Check (P0F0203-CCV2)				Prepared & Analyzed: 06/02/20						
Benzene	0.100	0.00100	mg/kg wet	0.100		100	80-120			
Toluene	0.0965	0.00100	"	0.100		96.5	80-120			
Ethylbenzene	0.0989	0.00100	"	0.100		98.9	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		101	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.4*	*75-125*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0203 - General Preparation (GC)										
Calibration Check (P0F0203-CCV3)				Prepared & Analyzed: 06/02/20						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.0944	0.00100	"	0.100		94.4	80-120			
Ethylbenzene	0.0974	0.00100	"	0.100		97.4	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.3	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*75-125*			
Matrix Spike (P0F0203-MS1)		**Source: 0E29004-08**		Prepared & Analyzed: 06/02/20						
Benzene	0.0828	0.00103	mg/kg dry	0.103	ND	80.3	80-120			
Toluene	0.0834	0.00103	"	0.103	ND	80.9	80-120			
Ethylbenzene	0.0956	0.00103	"	0.103	ND	92.7	80-120			
Xylene (p/m)	0.172	0.00206	"	0.206	ND	83.4	80-120			
Xylene (o)	0.0838	0.00103	"	0.103	ND	81.3	80-120			
Surrogate: 1,4-Difluorobenzene	*0.128*		"	*0.124*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.124*		*98.1*	*75-125*			
Matrix Spike Dup (P0F0203-MSD1)		**Source: 0E29004-08**		Prepared & Analyzed: 06/02/20						
Benzene	0.0833	0.00103	mg/kg dry	0.103	ND	80.8	80-120	0.658	20	
Toluene	0.0864	0.00103	"	0.103	ND	83.8	80-120	3.44	20	
Ethylbenzene	0.0992	0.00103	"	0.103	ND	96.2	80-120	3.68	20	
Xylene (p/m)	0.174	0.00206	"	0.206	ND	84.4	80-120	1.23	20	
Xylene (o)	0.0849	0.00103	"	0.103	ND	82.3	80-120	1.20	20	
Surrogate: 1,4-Difluorobenzene	*0.127*		"	*0.124*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.124*		*97.1*	*75-125*			
Batch P0F0204 - General Preparation (GC)										
Blank (P0F0204-BLK1)				Prepared & Analyzed: 06/02/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.4*	*75-125*			

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Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0204 - General Preparation (GC)										
LCS (P0F0204-BS1)				Prepared & Analyzed: 06/02/20						
Benzene	0.0994	0.00100	mg/kg wet	0.100		99.4	70-130			
Toluene	0.0906	0.00100	"	0.100		90.6	70-130			
Ethylbenzene	0.111	0.00100	"	0.100		111	70-130			
Xylene (p/m)	0.195	0.00200	"	0.200		97.6	70-130			
Xylene (o)	0.102	0.00100	"	0.100		102	70-130			
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.5*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*100*	*75-125*			
LCS Dup (P0F0204-BSD1)				Prepared & Analyzed: 06/02/20						
Benzene	0.0922	0.00100	mg/kg wet	0.100		92.2	70-130	7.47	20	
Toluene	0.0875	0.00100	"	0.100		87.5	70-130	3.48	20	
Ethylbenzene	0.108	0.00100	"	0.100		108	70-130	2.60	20	
Xylene (p/m)	0.188	0.00200	"	0.200		93.9	70-130	3.84	20	
Xylene (o)	0.0962	0.00100	"	0.100		96.2	70-130	5.77	20	
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.6*	*75-125*			
Calibration Blank (P0F0204-CCB1)				Prepared & Analyzed: 06/02/20						
Benzene	0.00		mg/kg wet							
Toluene	0.700		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.330		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.114*		"	*0.120*		*95.2*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.8*	*75-125*			
Calibration Blank (P0F0204-CCB2)				Prepared: 06/02/20 Analyzed: 06/03/20						
Benzene	0.00		mg/kg wet							
Toluene	0.690		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.350		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.0*	*75-125*			

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Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0204 - General Preparation (GC)										
Calibration Check (P0F0204-CCV1)				Prepared & Analyzed: 06/02/20						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.0944	0.00100	"	0.100		94.4	80-120			
Ethylbenzene	0.0974	0.00100	"	0.100		97.4	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.3	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.1*	*75-125*			
Calibration Check (P0F0204-CCV2)				Prepared: 06/02/20 Analyzed: 06/03/20						
Benzene	0.0965	0.00100	mg/kg wet	0.100		96.5	80-120			
Toluene	0.0947	0.00100	"	0.100		94.7	80-120			
Ethylbenzene	0.0954	0.00100	"	0.100		95.4	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		96.1	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.120*		*96.5*	*75-125*			
Calibration Check (P0F0204-CCV3)				Prepared: 06/02/20 Analyzed: 06/03/20						
Benzene	0.0910	0.00100	mg/kg wet	0.100		91.0	80-120			
Toluene	0.0872	0.00100	"	0.100		87.2	80-120			
Ethylbenzene	0.0871	0.00100	"	0.100		87.1	80-120			
Xylene (p/m)	0.178	0.00200	"	0.200		89.0	80-120			
Xylene (o)	0.0954	0.00100	"	0.100		95.4	80-120			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			
Matrix Spike (P0F0204-MS1)		**Source: 0E29004-28**		Prepared: 06/02/20 Analyzed: 06/03/20						
Benzene	0.0851	0.00101	mg/kg dry	0.101	ND	84.2	80-120			
Toluene	0.0855	0.00101	"	0.101	ND	84.6	80-120			
Ethylbenzene	0.0947	0.00101	"	0.101	ND	93.7	80-120			
Xylene (p/m)	0.168	0.00202	"	0.202	ND	83.3	80-120			
Xylene (o)	0.0854	0.00101	"	0.101	ND	84.5	80-120			
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.121*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.121*		*101*	*75-125*			

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0204 - General Preparation (GC)										
Matrix Spike Dup (P0F0204-MSD1)	**Source: 0E29004-28**			Prepared: 06/02/20 Analyzed: 06/03/20						
Benzene	0.0826	0.00101	mg/kg dry	0.101	ND	81.8	80-120	2.91	20	
Toluene	0.0842	0.00101	"	0.101	ND	83.3	80-120	1.60	20	
Ethylbenzene	0.0917	0.00101	"	0.101	ND	90.8	80-120	3.21	20	
Xylene (p/m)	0.162	0.00202	"	0.202	ND	80.4	80-120	3.54	20	
Xylene (o)	0.0819	0.00101	"	0.101	ND	81.1	80-120	4.16	20	
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.121*		*100*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.121*		*103*	*75-125*			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0105 - * DEFAULT PREP *** **										
Blank (P0F0105-BLK1)				Prepared & Analyzed: 06/01/20						
% Moisture	ND	0.1	%							
Duplicate (P0F0105-DUP1)		**Source: 0E28017-26**		Prepared & Analyzed: 06/01/20						
% Moisture	1.0	0.1	%		2.0			66.7	20	R3
Duplicate (P0F0105-DUP2)		**Source: 0E29001-09**		Prepared & Analyzed: 06/01/20						
% Moisture	ND	0.1	%		ND				20	
Duplicate (P0F0105-DUP3)		**Source: 0E29001-36**		Prepared & Analyzed: 06/01/20						
% Moisture	ND	0.1	%		ND				20	
Duplicate (P0F0105-DUP4)		**Source: 0E29002-18**		Prepared & Analyzed: 06/01/20						
% Moisture	3.0	0.1	%		18.0			143	20	R3
Duplicate (P0F0105-DUP5)		**Source: 0E29002-45**		Prepared & Analyzed: 06/01/20						
% Moisture	ND	0.1	%		ND				20	
Duplicate (P0F0105-DUP6)		**Source: 0E29003-27**		Prepared & Analyzed: 06/01/20						
% Moisture	ND	0.1	%		ND				20	
Duplicate (P0F0105-DUP7)		**Source: 0E29004-08**		Prepared & Analyzed: 06/01/20						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P0F0105-DUP8)		**Source: 0E29005-01**		Prepared & Analyzed: 06/01/20						
% Moisture	7.0	0.1	%		8.0			13.3	20	
Batch P0F0112 - * DEFAULT PREP *** **										
Blank (P0F0112-BLK1)				Prepared: 06/01/20 Analyzed: 06/02/20						
Chloride	ND	0.100	mg/kg wet							

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0112 - * DEFAULT PREP *** **										
LCS (P0F0112-BS1)				Prepared: 06/01/20 Analyzed: 06/02/20						
Chloride	425	1.00	mg/kg wet	400		106	80-120			
LCS Dup (P0F0112-BSD1)				Prepared: 06/01/20 Analyzed: 06/02/20						
Chloride	421	1.00	mg/kg wet	400		105	80-120	1.12	20	
Calibration Blank (P0F0112-CCB1)				Prepared: 06/01/20 Analyzed: 06/02/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0F0112-CCB2)				Prepared: 06/01/20 Analyzed: 06/02/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0F0112-CCV1)				Prepared: 06/01/20 Analyzed: 06/02/20						
Chloride	21.3		mg/kg	20.0		107	0-200			
Calibration Check (P0F0112-CCV2)				Prepared: 06/01/20 Analyzed: 06/02/20						
Chloride	21.1		mg/kg	20.0		105	0-200			
Calibration Check (P0F0112-CCV3)				Prepared: 06/01/20 Analyzed: 06/03/20						
Chloride	22.3		mg/kg	20.0		112	0-200			
Matrix Spike (P0F0112-MS1)		**Source: 0E28019-01**		Prepared: 06/01/20 Analyzed: 06/02/20						
Chloride	1830	5.32	mg/kg dry	532	1280	104	80-120			
Matrix Spike (P0F0112-MS2)		**Source: 0E29001-08**		Prepared: 06/01/20 Analyzed: 06/02/20						
Chloride	7310	10.0	mg/kg dry	1000	6240	107	80-120			
Matrix Spike Dup (P0F0112-MSD1)		**Source: 0E28019-01**		Prepared: 06/01/20 Analyzed: 06/02/20						
Chloride	1790	5.32	mg/kg dry	532	1280	95.8	80-120	2.32	20	

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0112 - * DEFAULT PREP *** **										
Matrix Spike Dup (P0F0112-MSD2)	**Source: 0E29001-08**			Prepared: 06/01/20 Analyzed: 06/02/20						
Chloride	7320	10.0	mg/kg dry	1000	6240	108	80-120	0.205	20	
Batch P0F0113 - * DEFAULT PREP *** **										
Blank (P0F0113-BLK1)				Prepared: 06/01/20 Analyzed: 06/03/20						
Chloride	ND	0.100	mg/kg wet							
LCS (P0F0113-BS1)				Prepared: 06/01/20 Analyzed: 06/03/20						
Chloride	429	1.00	mg/kg wet	400		107	80-120			
LCS Dup (P0F0113-BSD1)				Prepared: 06/01/20 Analyzed: 06/03/20						
Chloride	436	1.00	mg/kg wet	400		109	80-120	1.52	20	
Calibration Blank (P0F0113-CCB1)				Prepared: 06/01/20 Analyzed: 06/03/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0F0113-CCB2)				Prepared: 06/01/20 Analyzed: 06/03/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0F0113-CCV1)				Prepared: 06/01/20 Analyzed: 06/03/20						
Chloride	22.3		mg/kg	20.0		112	0-200			
Calibration Check (P0F0113-CCV2)				Prepared: 06/01/20 Analyzed: 06/03/20						
Chloride	22.3		mg/kg	20.0		112	0-200			
Calibration Check (P0F0113-CCV3)				Prepared: 06/01/20 Analyzed: 06/03/20						
Chloride	21.9		mg/kg	20.0		110	0-200			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0113 - * DEFAULT PREP *** **										
Matrix Spike (P0F0113-MS1)	**Source: 0E29001-17**			Prepared: 06/01/20 Analyzed: 06/03/20						
Chloride	611	1.00	mg/kg dry	500	117	98.8	80-120			
Matrix Spike (P0F0113-MS2)	**Source: 0E29001-28**			Prepared: 06/01/20 Analyzed: 06/03/20						
Chloride	1480	1.01	mg/kg dry	505	1020	90.5	80-120			
Matrix Spike Dup (P0F0113-MSD1)	**Source: 0E29001-17**			Prepared: 06/01/20 Analyzed: 06/03/20						
Chloride	589	1.00	mg/kg dry	500	117	94.3	80-120	3.72	20	
Matrix Spike Dup (P0F0113-MSD2)	**Source: 0E29001-28**			Prepared: 06/01/20 Analyzed: 06/03/20						
Chloride	1490	1.01	mg/kg dry	505	1020	93.0	80-120	0.831	20	
Batch P0F0205 - * DEFAULT PREP *** **										
Blank (P0F0205-BLK1)				Prepared: 06/02/20 Analyzed: 06/03/20						
Chloride	ND	0.100	mg/kg wet							
LCS (P0F0205-BS1)				Prepared: 06/02/20 Analyzed: 06/03/20						
Chloride	428	1.00	mg/kg wet	400		107	80-120			
LCS Dup (P0F0205-BSD1)				Prepared: 06/02/20 Analyzed: 06/03/20						
Chloride	426	1.00	mg/kg wet	400		107	80-120	0.370	20	
Calibration Blank (P0F0205-CCB1)				Prepared: 06/02/20 Analyzed: 06/03/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0F0205-CCB2)				Prepared: 06/02/20 Analyzed: 06/03/20						
Chloride	0.00		mg/kg wet							

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0205 - * DEFAULT PREP *** **										
Calibration Check (P0F0205-CCV1)				Prepared: 06/02/20 Analyzed: 06/03/20						
Chloride	21.9		mg/kg	20.0		110	0-200			
Calibration Check (P0F0205-CCV2)				Prepared: 06/02/20 Analyzed: 06/03/20						
Chloride	21.7		mg/kg	20.0		108	0-200			
Calibration Check (P0F0205-CCV3)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	21.8		mg/kg	20.0		109	0-200			
Matrix Spike (P0F0205-MS1)		**Source: 0E29001-45**		Prepared: 06/02/20 Analyzed: 06/03/20						
Chloride	1090	10.1	mg/kg dry	1010	80.6	100	80-120			
Matrix Spike (P0F0205-MS2)		**Source: 0E29002-02**		Prepared: 06/02/20 Analyzed: 06/03/20						
Chloride	754	5.38	mg/kg dry	538	210	101	80-120			
Matrix Spike Dup (P0F0205-MSD1)		**Source: 0E29001-45**		Prepared: 06/02/20 Analyzed: 06/03/20						
Chloride	1100	10.1	mg/kg dry	1010	80.6	101	80-120	0.572	20	
Matrix Spike Dup (P0F0205-MSD2)		**Source: 0E29002-02**		Prepared: 06/02/20 Analyzed: 06/03/20						
Chloride	764	5.38	mg/kg dry	538	210	103	80-120	1.28	20	
Batch P0F0206 - * DEFAULT PREP *** **										
Blank (P0F0206-BLK1)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	ND	0.100	mg/kg wet							
LCS (P0F0206-BS1)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	422	1.00	mg/kg wet	400		106	80-120			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0206 - * DEFAULT PREP *** **										
LCS Dup (P0F0206-BSD1)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	421	1.00	mg/kg wet	400		105	80-120	0.299	20	
Calibration Blank (P0F0206-CCB1)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0F0206-CCB2)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0F0206-CCV1)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	21.8		mg/kg	20.0		109	0-200			
Calibration Check (P0F0206-CCV2)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	21.9		mg/kg	20.0		109	0-200			
Calibration Check (P0F0206-CCV3)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	22.2		mg/kg	20.0		111	0-200			
Matrix Spike (P0F0206-MS1)		**Source: 0E29002-12**		Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	595	1.01	mg/kg dry	505	114	95.2	80-120			
Matrix Spike (P0F0206-MS2)		**Source: 0E29002-22**		Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	2650	1.00	mg/kg dry	500	194	491	80-120			QM-05
Matrix Spike Dup (P0F0206-MSD1)		**Source: 0E29002-12**		Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	587	1.01	mg/kg dry	505	114	93.7	80-120	1.27	20	
Matrix Spike Dup (P0F0206-MSD2)		**Source: 0E29002-22**		Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	2160	1.00	mg/kg dry	500	194	394	80-120	20.1	20	QM-05

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0207 - * DEFAULT PREP *** **										
Blank (P0F0207-BLK1)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	ND	0.100	mg/kg wet							
LCS (P0F0207-BS1)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	427	1.00	mg/kg wet	400		107	80-120			
LCS Dup (P0F0207-BSD1)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	424	1.00	mg/kg wet	400		106	80-120	0.700	20	
Calibration Blank (P0F0207-CCB1)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0F0207-CCB2)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0F0207-CCV1)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	22.2		mg/kg	20.0		111	0-200			
Calibration Check (P0F0207-CCV2)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	22.3		mg/kg	20.0		112	0-200			
Calibration Check (P0F0207-CCV3)				Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	21.7		mg/kg	20.0		108	0-200			
Matrix Spike (P0F0207-MS1)		**Source: 0E29002-32**		Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	861	1.00	mg/kg dry	500	464	79.3	80-120			QM-05
Matrix Spike (P0F0207-MS2)		**Source: 0E29002-42**		Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	599	1.00	mg/kg dry	500	122	95.4	80-120			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0207 - * DEFAULT PREP *** **										
Matrix Spike Dup (P0F0207-MSD1)	**Source: 0E29002-32**			Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	873	1.00	mg/kg dry	500	464	81.7	80-120	1.40	20	
Matrix Spike Dup (P0F0207-MSD2)	**Source: 0E29002-42**			Prepared: 06/02/20 Analyzed: 06/04/20						
Chloride	613	1.00	mg/kg dry	500	122	98.3	80-120	2.39	20	
Batch P0F0306 - * DEFAULT PREP *** **										
Blank (P0F0306-BLK1)				Prepared: 06/03/20 Analyzed: 06/04/20						
Chloride	ND	0.100	mg/kg wet							
LCS (P0F0306-BS1)				Prepared: 06/03/20 Analyzed: 06/04/20						
Chloride	419	1.00	mg/kg wet	400		105	80-120			
LCS Dup (P0F0306-BSD1)				Prepared: 06/03/20 Analyzed: 06/04/20						
Chloride	419	1.00	mg/kg wet	400		105	80-120	0.0477	20	
Calibration Blank (P0F0306-CCB1)				Prepared: 06/03/20 Analyzed: 06/04/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0F0306-CCB2)				Prepared: 06/03/20 Analyzed: 06/05/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0F0306-CCV1)				Prepared: 06/03/20 Analyzed: 06/04/20						
Chloride	21.7		mg/kg	20.0		108	0-200			
Calibration Check (P0F0306-CCV2)				Prepared: 06/03/20 Analyzed: 06/05/20						
Chloride	21.7		mg/kg	20.0		108	0-200			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0306 - * DEFAULT PREP *** **										
Calibration Check (P0F0306-CCV3)				Prepared: 06/03/20 Analyzed: 06/05/20						
Chloride	20.9		mg/kg	20.0		105	0-200			
Matrix Spike (P0F0306-MS1)		Source: 0E29003-07		Prepared: 06/03/20 Analyzed: 06/04/20						
Chloride	924	1.00	mg/kg dry	500	340	117	80-120			
Matrix Spike (P0F0306-MS2)		Source: 0E29003-17		Prepared: 06/03/20 Analyzed: 06/05/20						
Chloride	548	1.00	mg/kg dry	500	53.9	98.9	80-120			
Matrix Spike Dup (P0F0306-MSD1)		Source: 0E29003-07		Prepared: 06/03/20 Analyzed: 06/04/20						
Chloride	786	1.00	mg/kg dry	500	340	89.1	80-120	16.1	20	
Matrix Spike Dup (P0F0306-MSD2)		Source: 0E29003-17		Prepared: 06/03/20 Analyzed: 06/05/20						
Chloride	546	1.00	mg/kg dry	500	53.9	98.4	80-120	0.450	20	
Batch P0F0411 - * DEFAULT PREP *** **										
Blank (P0F0411-BLK1)				Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	ND	1.00	mg/kg wet							
LCS (P0F0411-BS1)				Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	420	1.00	mg/kg wet	400		105	80-120			
LCS Dup (P0F0411-BSD1)				Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	421	1.00	mg/kg wet	400		105	80-120	0.212	20	
Calibration Blank (P0F0411-CCB1)				Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	0.00		mg/kg wet							

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0411 - * DEFAULT PREP *** **										
Calibration Blank (P0F0411-CCB2)				Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0F0411-CCV1)				Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	20.9		mg/kg	20.0		105	0-200			
Calibration Check (P0F0411-CCV2)				Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	21.3		mg/kg	20.0		107	0-200			
Calibration Check (P0F0411-CCV3)				Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	21.6		mg/kg	20.0		108	0-200			
Matrix Spike (P0F0411-MS1)		**Source: 0E29003-27**		Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	515	1.00	mg/kg dry	500	30.3	97.0	80-120			
Matrix Spike (P0F0411-MS2)		**Source: 0E29003-43**		Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	6160	10.1	mg/kg dry	1010	5250	90.1	80-120			
Matrix Spike Dup (P0F0411-MSD1)		**Source: 0E29003-27**		Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	517	1.00	mg/kg dry	500	30.3	97.2	80-120	0.205	20	
Matrix Spike Dup (P0F0411-MSD2)		**Source: 0E29003-43**		Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	6020	10.1	mg/kg dry	1010	5250	76.4	80-120	2.28	20	
Batch P0F0412 - * DEFAULT PREP *** **										
Blank (P0F0412-BLK1)				Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	ND	1.00	mg/kg wet							

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0412 - * DEFAULT PREP *** **										
LCS (P0F0412-BS1)				Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	421	1.00	mg/kg wet	400		105	80-120			
LCS Dup (P0F0412-BSD1)				Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	422	1.00	mg/kg wet	400		105	80-120	0.292	20	
Calibration Blank (P0F0412-CCB1)				Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0F0412-CCB2)				Prepared: 06/04/20 Analyzed: 06/06/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0F0412-CCV1)				Prepared: 06/04/20 Analyzed: 06/05/20						
Chloride	21.6		mg/kg	20.0		108	0-200			
Calibration Check (P0F0412-CCV2)				Prepared: 06/04/20 Analyzed: 06/06/20						
Chloride	21.5		mg/kg	20.0		107	0-200			
Calibration Check (P0F0412-CCV3)				Prepared: 06/04/20 Analyzed: 06/06/20						
Chloride	20.0		mg/kg	20.0		99.8	0-200			
Matrix Spike (P0F0412-MS1)		**Source: 0E29004-02**		Prepared: 06/04/20 Analyzed: 06/06/20						
Chloride	2420	5.05	mg/kg dry	505	1910	102	80-120			
Matrix Spike (P0F0412-MS2)		**Source: 0E29004-12**		Prepared: 06/04/20 Analyzed: 06/06/20						
Chloride	594	1.01	mg/kg dry	505	87.8	100	80-120			
Matrix Spike Dup (P0F0412-MSD1)		**Source: 0E29004-02**		Prepared: 06/04/20 Analyzed: 06/06/20						
Chloride	2440	5.05	mg/kg dry	505	1910	106	80-120	0.783	20	

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0412 - * DEFAULT PREP *** **										
Matrix Spike Dup (P0F0412-MSD2)	**Source: 0E29004-12**			Prepared: 06/04/20 Analyzed: 06/06/20						
Chloride	580	1.01	mg/kg dry	505	87.8	97.4	80-120	2.46	20	
Batch P0F0511 - * DEFAULT PREP *** **										
Blank (P0F0511-BLK1)				Prepared: 06/05/20 Analyzed: 06/06/20						
Chloride	ND	1.00	mg/kg wet							
LCS (P0F0511-BS1)				Prepared: 06/05/20 Analyzed: 06/06/20						
Chloride	390	1.00	mg/kg wet	400		97.4	80-120			
LCS Dup (P0F0511-BSD1)				Prepared: 06/05/20 Analyzed: 06/06/20						
Chloride	387	1.00	mg/kg wet	400		96.8	80-120	0.605	20	
Calibration Blank (P0F0511-CCB1)				Prepared: 06/05/20 Analyzed: 06/06/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0F0511-CCB2)				Prepared: 06/05/20 Analyzed: 06/06/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0F0511-CCV1)				Prepared: 06/05/20 Analyzed: 06/06/20						
Chloride	20.0		mg/kg	20.0		99.8	0-200			
Calibration Check (P0F0511-CCV2)				Prepared: 06/05/20 Analyzed: 06/06/20						
Chloride	18.4		mg/kg	20.0		91.8	0-200			
Calibration Check (P0F0511-CCV3)				Prepared: 06/05/20 Analyzed: 06/06/20						
Chloride	20.1		mg/kg	20.0		101	0-200			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0511 - * DEFAULT PREP *** **										
Matrix Spike (P0F0511-MS1)	**Source: 0E29004-23**			Prepared: 06/05/20 Analyzed: 06/06/20						
Chloride	483	5.05	mg/kg dry	505	37.3	88.2	80-120			
Matrix Spike (P0F0511-MS2)	**Source: 0E29008-01**			Prepared: 06/05/20 Analyzed: 06/06/20						
Chloride	3820	11.0	mg/kg dry	1100	2810	91.8	80-120			
Matrix Spike Dup (P0F0511-MSD1)	**Source: 0E29004-23**			Prepared: 06/05/20 Analyzed: 06/06/20						
Chloride	499	5.05	mg/kg dry	505	37.3	91.4	80-120	3.21	20	
Matrix Spike Dup (P0F0511-MSD2)	**Source: 0E29008-01**			Prepared: 06/05/20 Analyzed: 06/06/20						
Chloride	3890	11.0	mg/kg dry	1100	2810	98.0	80-120	1.78	20	

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2904 - TX 1005										
Blank (P0E2904-BLK1)				Prepared & Analyzed: 05/29/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*105*		*"*	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*53.0*		*"*	*50.0*		*106*	*70-130*			
LCS (P0E2904-BS1)				Prepared & Analyzed: 05/29/20						
C6-C12	1040	25.0	mg/kg wet	1000		104	75-125			
>C12-C28	1220	25.0	"	1000		122	75-125			
Surrogate: 1-Chlorooctane	*113*		*"*	*100*		*113*	*70-130*			
Surrogate: o-Terphenyl	*55.1*		*"*	*50.0*		*110*	*70-130*			
LCS Dup (P0E2904-BSD1)				Prepared & Analyzed: 05/29/20						
C6-C12	978	25.0	mg/kg wet	1000		97.8	75-125	6.24	20	
>C12-C28	1160	25.0	"	1000		116	75-125	5.16	20	
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*49.8*		*"*	*50.0*		*99.6*	*70-130*			
Calibration Blank (P0E2904-CCB1)				Prepared & Analyzed: 05/29/20						
C6-C12	15.6		mg/kg wet							
>C12-C28	8.08		"							
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*54.9*		*"*	*50.0*		*110*	*70-130*			
Calibration Blank (P0E2904-CCB2)				Prepared & Analyzed: 05/29/20						
C6-C12	17.7		mg/kg wet							
>C12-C28	18.5		"							
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*55.5*		*"*	*50.0*		*111*	*70-130*			

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2904 - TX 1005										
Calibration Check (P0E2904-CCV1)				Prepared & Analyzed: 05/29/20						
C6-C12	487	25.0	mg/kg wet	500		97.4	85-115			
>C12-C28	542	25.0	"	500		108	85-115			
Surrogate: 1-Chlorooctane	*105*		*"*	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*50.2*		*"*	*50.0*		*100*	*70-130*			
Calibration Check (P0E2904-CCV2)				Prepared & Analyzed: 05/29/20						
C6-C12	492	25.0	mg/kg wet	500		98.4	85-115			
>C12-C28	519	25.0	"	500		104	85-115			
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*50.7*		*"*	*50.0*		*101*	*70-130*			
Duplicate (P0E2904-DUP1)	**Source: 0E29001-09**			Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	13.6	25.0	mg/kg dry		17.9			27.2	20	R3
>C12-C28	16.3	25.0	"		16.2			1.17	20	
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*55.4*		*"*	*50.0*		*111*	*70-130*			
Batch P0E2907 - TX 1005										
Blank (P0E2907-BLK1)				Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*55.0*		*"*	*50.0*		*110*	*70-130*			
LCS (P0E2907-BS1)				Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	1190	25.0	mg/kg wet	1000		119	75-125			
>C12-C28	1190	25.0	"	1000		119	75-125			
Surrogate: 1-Chlorooctane	*127*		*"*	*100*		*127*	*70-130*			
Surrogate: o-Terphenyl	*64.0*		*"*	*50.0*		*128*	*70-130*			

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2907 - TX 1005										
LCS Dup (P0E2907-BSD1)				Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	1170	25.0	mg/kg wet	1000		117	75-125	1.66	20	
>C12-C28	1200	25.0	"	1000		120	75-125	0.591	20	
Surrogate: 1-Chlorooctane	*130*		*"*	*100*		*130*	*70-130*			
Surrogate: o-Terphenyl	*58.7*		*"*	*50.0*		*117*	*70-130*			
Calibration Blank (P0E2907-CCB1)				Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	17.4		mg/kg wet							
>C12-C28	16.3		"							
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*56.2*		*"*	*50.0*		*112*	*70-130*			
Calibration Blank (P0E2907-CCB2)				Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	19.0		mg/kg wet							
>C12-C28	13.9		"							
Surrogate: 1-Chlorooctane	*112*		*"*	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*56.6*		*"*	*50.0*		*113*	*70-130*			
Calibration Check (P0E2907-CCV1)				Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	504	25.0	mg/kg wet	500		101	85-115			
>C12-C28	562	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*51.7*		*"*	*50.0*		*103*	*70-130*			
Calibration Check (P0E2907-CCV2)				Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	499	25.0	mg/kg wet	500		99.8	85-115			
>C12-C28	574	25.0	"	500		115	85-115			
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*51.7*		*"*	*50.0*		*103*	*70-130*			

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Project: Brushy Draw/Select
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2907 - TX 1005										
Duplicate (P0E2907-DUP1)	**Source: 0E29001-29**			Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	24.3	25.0	mg/kg dry		23.2			4.59	20	
>C12-C28	ND	25.0	"		ND				20	
Surrogate: 1-Chlorooctane	*109*		"	*100*		*109*	*70-130*			
Surrogate: o-Terphenyl	*55.8*		"	*50.0*		*112*	*70-130*			
Batch P0E2908 - TX 1005										
Blank (P0E2908-BLK1)				Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*109*		"	*100*		*109*	*70-130*			
Surrogate: o-Terphenyl	*55.7*		"	*50.0*		*111*	*70-130*			
LCS (P0E2908-BS1)				Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	1120	25.0	mg/kg wet	1000		112	75-125			
>C12-C28	1190	25.0	"	1000		119	75-125			
Surrogate: 1-Chlorooctane	*123*		"	*100*		*123*	*70-130*			
Surrogate: o-Terphenyl	*61.1*		"	*50.0*		*122*	*70-130*			
LCS Dup (P0E2908-BSD1)				Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	1040	25.0	mg/kg wet	1000		104	75-125	7.06	20	
>C12-C28	1240	25.0	"	1000		124	75-125	4.08	20	
Surrogate: 1-Chlorooctane	*114*		"	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*53.2*		"	*50.0*		*106*	*70-130*			
Calibration Blank (P0E2908-CCB1)				Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	16.7		mg/kg wet							
>C12-C28	6.80		"							
Surrogate: 1-Chlorooctane	*111*		"	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*57.5*		"	*50.0*		*115*	*70-130*			

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2908 - TX 1005										
Calibration Blank (P0E2908-CCB2)				Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	23.3		mg/kg wet							
>C12-C28	6.68		"							
Surrogate: 1-Chlorooctane	*112*		*"*	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*56.6*		*"*	*50.0*		*113*	*70-130*			
Calibration Check (P0E2908-CCV1)				Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	523	25.0	mg/kg wet	500		105	85-115			
>C12-C28	531	25.0	"	500		106	85-115			
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*54.5*		*"*	*50.0*		*109*	*70-130*			
Calibration Check (P0E2908-CCV2)				Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	508	25.0	mg/kg wet	500		102	85-115			
>C12-C28	536	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	*109*		*"*	*100*		*109*	*70-130*			
Surrogate: o-Terphenyl	*52.1*		*"*	*50.0*		*104*	*70-130*			
Calibration Check (P0E2908-CCV3)				Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	535	25.0	mg/kg wet	500		107	85-115			
>C12-C28	536	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	*114*		*"*	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*55.8*		*"*	*50.0*		*112*	*70-130*			
Duplicate (P0E2908-DUP1)	**Source: 0E29002-04**			Prepared: 05/29/20 Analyzed: 05/30/20						
C6-C12	22.2	31.2	mg/kg dry		30.9			33.0	20	R3
>C12-C28	12.5	31.2	"		ND				20	
Surrogate: 1-Chlorooctane	*133*		*"*	*125*		*107*	*70-130*			
Surrogate: o-Terphenyl	*64.3*		*"*	*62.5*		*103*	*70-130*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2909 - TX 1005										
Blank (P0E2909-BLK1)				Prepared: 05/29/20 Analyzed: 06/01/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*119*		*"*	*100*		*119*	*70-130*			
Surrogate: o-Terphenyl	*60.2*		*"*	*50.0*		*120*	*70-130*			
LCS (P0E2909-BS1)				Prepared: 05/29/20 Analyzed: 05/31/20						
C6-C12	1170	25.0	mg/kg wet	1000		117	75-125			
>C12-C28	1190	25.0	"	1000		119	75-125			
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*57.4*		*"*	*50.0*		*115*	*70-130*			
LCS Dup (P0E2909-BSD1)				Prepared: 05/29/20 Analyzed: 06/01/20						
C6-C12	1110	25.0	mg/kg wet	1000		111	75-125	5.27	20	
>C12-C28	1140	25.0	"	1000		114	75-125	4.43	20	
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*53.8*		*"*	*50.0*		*108*	*70-130*			
Calibration Blank (P0E2909-CCB1)				Prepared: 05/29/20 Analyzed: 05/31/20						
C6-C12	21.2		mg/kg wet							
>C12-C28	16.6		"							
Surrogate: 1-Chlorooctane	*124*		*"*	*100*		*124*	*70-130*			
Surrogate: o-Terphenyl	*63.8*		*"*	*50.0*		*128*	*70-130*			
Calibration Blank (P0E2909-CCB2)				Prepared: 05/29/20 Analyzed: 06/01/20						
C6-C12	22.4		mg/kg wet							
>C12-C28	9.70		"							
Surrogate: 1-Chlorooctane	*120*		*"*	*100*		*120*	*70-130*			
Surrogate: o-Terphenyl	*63.6*		*"*	*50.0*		*127*	*70-130*			

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2909 - TX 1005										
Calibration Check (P0E2909-CCV1)				Prepared: 05/29/20 Analyzed: 05/31/20						
C6-C12	529	25.0	mg/kg wet	500		106	85-115			
>C12-C28	534	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*55.3*		*"*	*50.0*		*111*	*70-130*			
Calibration Check (P0E2909-CCV2)				Prepared: 05/29/20 Analyzed: 06/01/20						
C6-C12	516	25.0	mg/kg wet	500		103	85-115			
>C12-C28	570	25.0	"	500		114	85-115			
Surrogate: 1-Chlorooctane	*112*		*"*	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*55.0*		*"*	*50.0*		*110*	*70-130*			
Calibration Check (P0E2909-CCV3)				Prepared: 05/29/20 Analyzed: 06/01/20						
C6-C12	523	25.0	mg/kg wet	500		105	85-115			
>C12-C28	534	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	*113*		*"*	*100*		*113*	*70-130*			
Surrogate: o-Terphenyl	*56.8*		*"*	*50.0*		*114*	*70-130*			
Duplicate (P0E2909-DUP1)		**Source: 0E29002-24**		Prepared: 05/29/20 Analyzed: 06/01/20						
C6-C12	18.5	25.3	mg/kg dry		25.3			31.2	20	R3
>C12-C28	9.67	25.3	"		ND				20	
Surrogate: 1-Chlorooctane	*108*		*"*	*101*		*107*	*70-130*			
Surrogate: o-Terphenyl	*47.8*		*"*	*50.5*		*94.7*	*70-130*			
Batch P0E2910 - TX 1005										
Blank (P0E2910-BLK1)				Prepared: 05/29/20 Analyzed: 06/01/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*86.5*		*"*	*100*		*86.5*	*70-130*			
Surrogate: o-Terphenyl	*44.4*		*"*	*50.0*		*88.7*	*70-130*			

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2910 - TX 1005										
LCS (P0E2910-BS1)				Prepared: 05/29/20 Analyzed: 06/01/20						
C6-C12	1110	25.0	mg/kg wet	1000		111	75-125			
>C12-C28	1190	25.0	"	1000		119	75-125			
Surrogate: 1-Chlorooctane	*122*		*"*	*100*		*122*	*70-130*			
Surrogate: o-Terphenyl	*55.3*		*"*	*50.0*		*111*	*70-130*			
LCS Dup (P0E2910-BSD1)				Prepared: 05/29/20 Analyzed: 06/01/20						
C6-C12	1040	25.0	mg/kg wet	1000		104	75-125	6.53	20	
>C12-C28	1160	25.0	"	1000		116	75-125	1.90	20	
Surrogate: 1-Chlorooctane	*114*		*"*	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*51.3*		*"*	*50.0*		*103*	*70-130*			
Calibration Blank (P0E2910-CCB1)				Prepared: 05/29/20 Analyzed: 06/01/20						
C6-C12	22.0		mg/kg wet							
>C12-C28	13.4		"							
Surrogate: 1-Chlorooctane	*86.9*		*"*	*100*		*86.9*	*70-130*			
Surrogate: o-Terphenyl	*44.5*		*"*	*50.0*		*89.0*	*70-130*			
Calibration Blank (P0E2910-CCB2)				Prepared: 05/29/20 Analyzed: 06/02/20						
C6-C12	19.5		mg/kg wet							
>C12-C28	11.2		"							
Surrogate: 1-Chlorooctane	*83.8*		*"*	*100*		*83.8*	*70-130*			
Surrogate: o-Terphenyl	*43.9*		*"*	*50.0*		*87.8*	*70-130*			
Calibration Check (P0E2910-CCV1)				Prepared: 05/29/20 Analyzed: 06/01/20						
C6-C12	559	25.0	mg/kg wet	500		112	85-115			
>C12-C28	570	25.0	"	500		114	85-115			
Surrogate: 1-Chlorooctane	*122*		*"*	*100*		*122*	*70-130*			
Surrogate: o-Terphenyl	*58.8*		*"*	*50.0*		*118*	*70-130*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2910 - TX 1005										
Calibration Check (P0E2910-CCV2)				Prepared: 05/29/20 Analyzed: 06/02/20						
C6-C12	543	25.0	mg/kg wet	500		109	85-115			
>C12-C28	559	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*119*		*"*	*100*		*119*	*70-130*			
Surrogate: o-Terphenyl	*58.2*		*"*	*50.0*		*116*	*70-130*			
Calibration Check (P0E2910-CCV3)				Prepared: 05/29/20 Analyzed: 06/02/20						
C6-C12	542	25.0	mg/kg wet	500		108	85-115			
>C12-C28	568	25.0	"	500		114	85-115			
Surrogate: 1-Chlorooctane	*117*		*"*	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*58.2*		*"*	*50.0*		*116*	*70-130*			
Duplicate (P0E2910-DUP1)	**Source: 0E29002-44**			Prepared: 05/29/20 Analyzed: 06/02/20						
C6-C12	20.2	25.0	mg/kg dry		18.7			7.70	20	
>C12-C28	21.2	25.0	"		20.5			3.51	20	
Surrogate: 1-Chlorooctane	*97.2*		*"*	*100*		*97.2*	*70-130*			
Surrogate: o-Terphenyl	*44.3*		*"*	*50.0*		*88.6*	*70-130*			
Batch P0E2911 - TX 1005										
Blank (P0E2911-BLK1)				Prepared: 05/29/20 Analyzed: 06/02/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*101*		*"*	*100*		*101*	*70-130*			
Surrogate: o-Terphenyl	*51.9*		*"*	*50.0*		*104*	*70-130*			
LCS (P0E2911-BS1)				Prepared: 05/29/20 Analyzed: 06/02/20						
C6-C12	973	25.0	mg/kg wet	1000		97.3	75-125			
>C12-C28	1180	25.0	"	1000		118	75-125			
Surrogate: 1-Chlorooctane	*92.2*		*"*	*100*		*92.2*	*70-130*			
Surrogate: o-Terphenyl	*36.6*		*"*	*50.0*		*73.1*	*70-130*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2911 - TX 1005										
LCS Dup (P0E2911-BSD1)				Prepared: 05/29/20 Analyzed: 06/02/20						
C6-C12	979	25.0	mg/kg wet	1000		97.9	75-125	0.552	20	
>C12-C28	1170	25.0	"	1000		117	75-125	0.946	20	
Surrogate: 1-Chlorooctane	*83.2*		*"*	*100*		*83.2*	*70-130*			
Surrogate: o-Terphenyl	*40.6*		*"*	*50.0*		*81.3*	*70-130*			
Calibration Blank (P0E2911-CCB1)				Prepared: 05/29/20 Analyzed: 06/02/20						
C6-C12	7.06		mg/kg wet							
>C12-C28	9.53		"							
Surrogate: 1-Chlorooctane	*89.6*		*"*	*100*		*89.6*	*70-130*			
Surrogate: o-Terphenyl	*46.2*		*"*	*50.0*		*92.4*	*70-130*			
Calibration Blank (P0E2911-CCB2)				Prepared: 05/29/20 Analyzed: 06/02/20						
C6-C12	12.0		mg/kg wet							
>C12-C28	6.91		"							
Surrogate: 1-Chlorooctane	*88.4*		*"*	*100*		*88.4*	*70-130*			
Surrogate: o-Terphenyl	*46.2*		*"*	*50.0*		*92.5*	*70-130*			
Calibration Check (P0E2911-CCV1)				Prepared: 05/29/20 Analyzed: 06/02/20						
C6-C12	519	25.0	mg/kg wet	500		104	85-115			
>C12-C28	545	25.0	"	500		109	85-115			
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*47.0*		*"*	*50.0*		*94.0*	*70-130*			
Calibration Check (P0E2911-CCV2)				Prepared: 05/29/20 Analyzed: 06/02/20						
C6-C12	523	25.0	mg/kg wet	500		105	85-115			
>C12-C28	558	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*91.8*		*"*	*100*		*91.8*	*70-130*			
Surrogate: o-Terphenyl	*46.9*		*"*	*50.0*		*93.7*	*70-130*			

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2911 - TX 1005										
Duplicate (P0E2911-DUP1)	**Source: 0E29003-19**			Prepared: 05/29/20 Analyzed: 06/02/20						
C6-C12	31.4	25.0	mg/kg dry		12.4			87.0	20	
>C12-C28	ND	25.0	"		ND				20	
Surrogate: 1-Chlorooctane	*95.3*		*"*	*100*		*95.3*	*70-130*			
Surrogate: o-Terphenyl	*42.6*		*"*	*50.0*		*85.2*	*70-130*			
Batch P0E2912 - TX 1005										
Blank (P0E2912-BLK1)				Prepared: 05/29/20 Analyzed: 06/03/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*55.1*		*"*	*50.0*		*110*	*70-130*			
LCS (P0E2912-BS1)				Prepared: 05/29/20 Analyzed: 06/03/20						
C6-C12	1040	25.0	mg/kg wet	1000		104	75-125			
>C12-C28	1210	25.0	"	1000		121	75-125			
Surrogate: 1-Chlorooctane	*78.0*		*"*	*100*		*78.0*	*70-130*			
Surrogate: o-Terphenyl	*38.3*		*"*	*50.0*		*76.5*	*70-130*			
LCS Dup (P0E2912-BSD1)				Prepared: 05/29/20 Analyzed: 06/03/20						
C6-C12	1010	25.0	mg/kg wet	1000		101	75-125	3.49	20	
>C12-C28	1180	25.0	"	1000		118	75-125	2.38	20	
Surrogate: 1-Chlorooctane	*84.0*		*"*	*100*		*84.0*	*70-130*			
Surrogate: o-Terphenyl	*41.3*		*"*	*50.0*		*82.7*	*70-130*			
Calibration Blank (P0E2912-CCB1)				Prepared: 05/29/20 Analyzed: 06/03/20						
C6-C12	5.72		mg/kg wet							
>C12-C28	10.7		"							
Surrogate: 1-Chlorooctane	*95.5*		*"*	*100*		*95.5*	*70-130*			
Surrogate: o-Terphenyl	*50.7*		*"*	*50.0*		*101*	*70-130*			

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2912 - TX 1005										
Calibration Blank (P0E2912-CCB2)				Prepared: 05/29/20 Analyzed: 06/03/20						
C6-C12	8.88		mg/kg wet							
>C12-C28	15.4		"							
Surrogate: 1-Chlorooctane	*90.9*		*"*	*100*		*90.9*	*70-130*			
Surrogate: o-Terphenyl	*47.8*		*"*	*50.0*		*95.6*	*70-130*			
Calibration Check (P0E2912-CCV1)				Prepared: 05/29/20 Analyzed: 06/03/20						
C6-C12	538	25.0	mg/kg wet	500		108	85-115			
>C12-C28	570	25.0	"	500		114	85-115			
Surrogate: 1-Chlorooctane	*94.3*		*"*	*100*		*94.3*	*70-130*			
Surrogate: o-Terphenyl	*48.0*		*"*	*50.0*		*95.9*	*70-130*			
Calibration Check (P0E2912-CCV2)				Prepared: 05/29/20 Analyzed: 06/03/20						
C6-C12	502	25.0	mg/kg wet	500		100	85-115			
>C12-C28	544	25.0	"	500		109	85-115			
Surrogate: 1-Chlorooctane	*88.0*		*"*	*100*		*88.0*	*70-130*			
Surrogate: o-Terphenyl	*45.4*		*"*	*50.0*		*90.9*	*70-130*			
Duplicate (P0E2912-DUP1)	**Source: 0E29003-39**			Prepared: 05/29/20 Analyzed: 06/03/20						
C6-C12	34.8	25.5	mg/kg dry		33.9			2.62	20	
>C12-C28	ND	25.5	"		ND				20	
Surrogate: 1-Chlorooctane	*109*		*"*	*102*		*106*	*70-130*			
Surrogate: o-Terphenyl	*56.9*		*"*	*51.0*		*112*	*70-130*			
Batch P0E2913 - TX 1005										
Blank (P0E2913-BLK1)				Prepared: 05/29/20 Analyzed: 06/03/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*135*		*"*	*140*		*96.5*	*70-130*			
Surrogate: o-Terphenyl	*76.9*		*"*	*70.0*		*110*	*70-130*			

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2913 - TX 1005										
LCS (P0E2913-BS1)				Prepared: 05/29/20 Analyzed: 06/03/20						
C6-C12	1030	25.0	mg/kg wet	1000		103	75-125			
>C12-C28	1110	25.0	"	1000		111	75-125			
Surrogate: 1-Chlorooctane	*129*		"	*140*		*91.9*	*70-130*			
Surrogate: o-Terphenyl	*56.8*		"	*70.0*		*81.1*	*70-130*			
LCS Dup (P0E2913-BSD1)				Prepared: 05/29/20 Analyzed: 06/03/20						
C6-C12	933	25.0	mg/kg wet	1000		93.3	75-125	9.59	20	
>C12-C28	1050	25.0	"	1000		105	75-125	5.49	20	
Surrogate: 1-Chlorooctane	*108*		"	*140*		*77.5*	*70-130*			
Surrogate: o-Terphenyl	*59.5*		"	*70.0*		*85.0*	*70-130*			
Calibration Blank (P0E2913-CCB1)				Prepared: 05/29/20 Analyzed: 06/03/20						
C6-C12	17.6		mg/kg wet							
>C12-C28	4.76		"							
Surrogate: 1-Chlorooctane	*124*		"	*140*		*88.9*	*70-130*			
Surrogate: o-Terphenyl	*71.7*		"	*70.0*		*102*	*70-130*			
Calibration Blank (P0E2913-CCB2)				Prepared: 05/29/20 Analyzed: 06/03/20						
C6-C12	20.6		mg/kg wet							
>C12-C28	14.6		"							
Surrogate: 1-Chlorooctane	*160*		"	*140*		*114*	*70-130*			
Surrogate: o-Terphenyl	*92.0*		"	*70.0*		*131*	*70-130*			*S-GC*
Calibration Check (P0E2913-CCV1)				Prepared: 05/29/20 Analyzed: 06/03/20						
C6-C12	501	25.0	mg/kg wet	500		100	85-115			
>C12-C28	541	25.0	"	500		108	85-115			
Surrogate: 1-Chlorooctane	*116*		"	*140*		*83.2*	*70-130*			
Surrogate: o-Terphenyl	*66.1*		"	*70.0*		*94.5*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2913 - TX 1005										
Calibration Check (P0E2913-CCV2)				Prepared: 05/29/20 Analyzed: 06/03/20						
C6-C12	507	25.0	mg/kg wet	500		101	85-115			
>C12-C28	514	25.0	"	500		103	85-115			
Surrogate: 1-Chlorooctane	*148*		*"*	*140*		*106*	*70-130*			
Surrogate: o-Terphenyl	*83.6*		*"*	*70.0*		*119*	*70-130*			
Duplicate (P0E2913-DUP1)		**Source: 0E29004-14**		Prepared: 05/29/20 Analyzed: 06/04/20						
C6-C12	17.2	25.8	mg/kg dry		22.4			26.0	20	
>C12-C28	11.9	25.8	"		13.9			15.4	20	
Surrogate: 1-Chlorooctane	*126*		*"*	*165*		*76.4*	*70-130*			
Surrogate: o-Terphenyl	*73.7*		*"*	*82.5*		*89.3*	*70-130*			
Batch P0E2914 - TX 1005										
Blank (P0E2914-BLK1)				Prepared: 05/29/20 Analyzed: 06/04/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*173*		*"*	*140*		*123*	*70-130*			
Surrogate: o-Terphenyl	*94.7*		*"*	*70.0*		*135*	*70-130*			*S-GC*
LCS (P0E2914-BS1)				Prepared: 05/29/20 Analyzed: 06/04/20						
C6-C12	1010	25.0	mg/kg wet	1000		101	75-125			
>C12-C28	1060	25.0	"	1000		106	75-125			
Surrogate: 1-Chlorooctane	*132*		*"*	*140*		*94.0*	*70-130*			
Surrogate: o-Terphenyl	*71.4*		*"*	*70.0*		*102*	*70-130*			
LCS Dup (P0E2914-BSD1)				Prepared: 05/29/20 Analyzed: 06/04/20						
C6-C12	1030	25.0	mg/kg wet	1000		103	75-125	1.80	20	
>C12-C28	1190	25.0	"	1000		119	75-125	10.8	20	
Surrogate: 1-Chlorooctane	*144*		*"*	*140*		*103*	*70-130*			
Surrogate: o-Terphenyl	*77.7*		*"*	*70.0*		*111*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2914 - TX 1005										
Calibration Blank (P0E2914-CCB1)				Prepared: 05/29/20 Analyzed: 06/04/20						
C6-C12	17.9		mg/kg wet							
>C12-C28	13.4		"							
Surrogate: 1-Chlorooctane	*167*		*"*	*140*		*119*	*70-130*			
Surrogate: o-Terphenyl	*94.7*		*"*	*70.0*		*135*	*70-130*			*S-GC*
Calibration Blank (P0E2914-CCB2)				Prepared: 05/29/20 Analyzed: 06/04/20						
C6-C12	19.4		mg/kg wet							
>C12-C28	17.1		"							
Surrogate: 1-Chlorooctane	*174*		*"*	*140*		*124*	*70-130*			
Surrogate: o-Terphenyl	*97.9*		*"*	*70.0*		*140*	*70-130*			*S-GC*
Calibration Check (P0E2914-CCV1)				Prepared: 05/29/20 Analyzed: 06/04/20						
C6-C12	501	25.0	mg/kg wet	500		100	85-115			
>C12-C28	522	25.0	"	500		104	85-115			
Surrogate: 1-Chlorooctane	*155*		*"*	*140*		*110*	*70-130*			
Surrogate: o-Terphenyl	*87.1*		*"*	*70.0*		*124*	*70-130*			
Calibration Check (P0E2914-CCV2)				Prepared: 05/29/20 Analyzed: 06/04/20						
C6-C12	506	25.0	mg/kg wet	500		101	85-115			
>C12-C28	574	25.0	"	500		115	85-115			
Surrogate: 1-Chlorooctane	*154*		*"*	*140*		*110*	*70-130*			
Surrogate: o-Terphenyl	*86.4*		*"*	*70.0*		*123*	*70-130*			
Calibration Check (P0E2914-CCV3)				Prepared: 05/29/20 Analyzed: 06/04/20						
C6-C12	505	25.0	mg/kg wet	500		101	85-115			
>C12-C28	542	25.0	"	500		108	85-115			
Surrogate: 1-Chlorooctane	*157*		*"*	*140*		*112*	*70-130*			
Surrogate: o-Terphenyl	*88.8*		*"*	*70.0*		*127*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2914 - TX 1005										
Duplicate (P0E2914-DUP1)	**Source: 0E29008-01**		Prepared: 05/29/20 Analyzed: 06/04/20							
C6-C12	78.0	27.5	mg/kg dry		59.9			26.2	20	
>C12-C28	363	27.5	"		334			8.25	20	
Surrogate: 1-Chlorooctane	*169*		*"*	*154*		*110*	*70-130*			
Surrogate: o-Terphenyl	*91.6*		*"*	*76.9*		*119*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 6/8/2020

Brent Barron, Laboratory Director/Technical Director

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

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The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

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LOS

№1166

CHAIN-OF-CUSTOD

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Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 5/28/20 PAGE 1 OF 11

PO#: LAB WORK ORDER#: 0E29001

PROJECT LOCATION OR NAME: BRUSHY DRAW

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl, HNO_3, H_2SO_4 ☐ NaOH ☐, ICE, UNPRESERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-69	1	5/22/20	1115	S	1				X		X		X	X	X	X													X	
C-70	2	"	1116	"	"				"		"		"	"	"	"													"	
C-71	3	"	1117	"	"				"		"		"	"	"	"													"	
C-72	4	"	1118	"	"				"		"		"	"	"	"													"	
C-73	5	"	1119	"	"				"		"		"	"	"	"													"	
C-74	6	"	1112	"	"				"		"		"	"	"	"													"	
C-75	7	5/26/20	1230	"	"				"		"		"	"	"	"													"	
C-76	8	"	1231	"	"				"		"		"	"	"	"													"	
C-77	9	"	1232	"	"				"		"		"	"	"	"													"	
C-78	10	"	1233	"	"				"		"		"	"	"	"													"	
C-79	11	"	1234	"	"				"		"		"	"	"	"													"	
C-80	12	"	1235	"	"				"		"		"	"	"	"													"	
C-81	13	"	1236	"	"				"		"		"	"	"	"													"	
C-82	14	"	1237	"	"				"		"		"	"	"	"													"	
C-83	15	"	1238	"	"				"		"		"	"	"	"													"	
TOTAL	15																													

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LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2 2.2 THERM#: CF#12
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

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Page 233 of 242

№ 1167

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 5/28/20 PAGE 2 OF 11

PO#: LAB WORK ORDER#: 0629001

PROJECT LOCATION OR NAME: Brushy Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-84	16	5/26/20	1239	S	1				X		X																			
C-85	17		1240																											
C-86	18		1241																											
C-87	19		1242																											
C-88	20		1243																											
C-89	21		1244																											
C-90	22		1245																											
C-91	23		1246																											
C-92	24		1247																											
C-93	25		1248																											
C-94	26		1249																											
C-95	27		1250																											
C-96	28		1251																											
C-97	29		1252																											
C-98	30		1253																											
TOTAL	15																													

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LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2 2.2 THERM#: CF +1 C2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

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№1168

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 5/28/20 PAGE 3 OF 11

PO#: _____ LAB WORK ORDER#: 0E29001

PROJECT LOCATION OR NAME: Brushy Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☐ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐	TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐	HOLDPAH ☐	8081 PESTICIDES ☐	8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐	TCLP - PEST ☐	TCLP VOC ☐	HERB ☐	Semi-VOC ☐	TOTAL METALS (RCRA) ☐	OTHER LIST ☐	LEAD - TOTAL ☐	D.W. 200.8 ☐	TCLP ☐	RCI ☐	TOX ☐	FLASHPOINT ☐	TDS ☐	TSS ☐	% MOISTURE ☐	pH ☐	CYANIDE ☐	HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDES ☐	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
C-99	31	5/27/20	1015	S	1				X		X				X	X	X																													
C-100	32	"	1016	"	"				"		"				"	"	"																													
C-101	33	"	1017	"	"				"		"				"	"	"																													
C-102	34	"	1018	"	"				"		"				"	"	"																													
C-103	35	"	1019	"	"				"		"				"	"	"																													
C-104	36	"	1020	"	"				"		"				"	"	"																													
C-105	37	"	1021	"	"				"		"				"	"	"																													
C-106	38	"	1022	"	"				"		"				"	"	"																													
C-107	39	"	1023	"	"				"		"				"	"	"																													
C-108	40	"	1024	"	"				"		"				"	"	"																													
C-109	41	"	1025	"	"				"		"				"	"	"																													
C-110	42	"	1026	"	"				"		"				"	"	"																													
C-111	43	"	1027	"	"				"		"				"	"	"																													
C-112	44	"	1028	"	"				"		"				"	"	"																													
C-113	45	"	1029	"	"				"		"				"	"	"																													
TOTAL	15																																													

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RELINQUISHED BY:(Signature) DATE/TIME 5/29/20 830 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2 2.2 THERM#: CF+1 L2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

Page 492 of 813

L 03 CK VCN 1169

CHAIN-OF-CUSTOD

Page 235 of 242

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 5/28/20 PAGE 4 OF 11

PO#: LAB WORK ORDER#: 0E29002

PROJECT LOCATION OR NAME: Brushy Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-114	1	5/27/20	1036	S	1				X		X		X	X	X	X													X	
C-115	2		1031																											
C-116	3		1032																											
C-117	4		1033																											
C-118	5		1034																											
C-119	6		1035																											
C-120	7		1036																											
C-121	8		1037																											
C-122	9		1038																											
C-123	10		1039																											
C-124	11		1040																											
C-125	12		1041																											
C-126	13		1042																											
C-127	14		1043																											
C-128	15		1044																											
TOTAL	15																													

RELINQUISHED BY:(Signature) DATE/TIME 5/29/20 0830 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 5/29/20 0830 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2 2.2 THERM#: CF#1 L2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

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№1170

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 5/28/20 PAGE 5 OF 11

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Brushy Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐	HOLDPAH ☐	8081 PESTICIDES ☐	8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐	TCLP - PEST ☐	TCLP VOC ☐	HERB ☐	Semi-VOC ☐	TOTAL METALS (RCRA) ☐	OTHER LIST ☐	LEAD - TOTAL ☐	D.W. 200.8 ☐	TCLP ☐	RCI ☐	TOX ☐	FLASHPOINT ☐	TDS ☐	TSS ☐	% MOISTURE ☐	pH ☐	CYANIDE ☐	HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDES ☒	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
C-129	16	5/27/20	1045	S	1				X		X			X	X	X																									X			
C-130	17	"	1046	"	"				"		"			"	"	"																									"			
C-131	18	"	1047	"	"				"		"			"	"	"																									"			
C-132	19	"	1048	"	"				"		"			"	"	"																									"			
C-133	20	"	1049	"	"				"		"			"	"	"																									"			
C-134	21	"	1050	"	"				"		"			"	"	"																									"			
C-135	22	"	1051	"	"				"		"			"	"	"																									"			
C-136	23	"	1052	"	"				"		"			"	"	"																									"			
C-137	24	"	1053	"	"				"		"			"	"	"																									"			
C-138	25	"	1054	"	"				"		"			"	"	"																									"			
C-139	26	"	1055	"	"				"		"			"	"	"																									"			
C-140	27	"	1056	"	"				"		"			"	"	"																									"			
C-141	28	"	1057	"	"				"		"			"	"	"																									"			
C-142	29	"	1058	"	"				"		"			"	"	"																									"			
C-143	30	"	1059	"	"				"		"			"	"	"																									"			
TOTAL	15																																												

RELINQUISHED BY:(Signature) DS DATE/TIME 5/29/20 0830 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 5/29/20 8:30 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2 2.2 CF+1 THERM#: 12
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

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CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 5/28/20 PAGE 6 OF 11

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Brushy Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-144	31	5/27/20	1100	S	1				X		X		X	X	X														X	
C-145	32	"	1101	"	"				"		"		"	"	"														"	
C-146	33	"	1102	"	"				"		"		"	"	"														"	
C-147	34	"	1103	"	"				"		"		"	"	"														"	
C-148	35	"	1104	"	"				"		"		"	"	"														"	
C-149	36	"	1105	"	"				"		"		"	"	"														"	
C-150	37	"	1106	"	"				"		"		"	"	"														"	
C-151	38	"	1107	"	"				"		"		"	"	"														"	
C-152	39	"	1108	"	"				"		"		"	"	"														"	
C-153	40	"	1109	"	"				"		"		"	"	"														"	
C-154	41	"	1110	"	"				"		"		"	"	"														"	
C-155	42	"	1111	"	"				"		"		"	"	"														"	
C-156	43	"	1112	"	"				"		"		"	"	"														"	
C-157	44	"	1113	"	"				"		"		"	"	"														"	
C-158	45	"	1114	"	"				"		"		"	"	"														"	

TOTAL 15

RELINQUISHED BY:(Signature) DATE/TIME 5/29/20 0800 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 5/29/19 8:00 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 0.3 / 2.2 THERM#: L1
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

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LCD CK KC №1172

CHAIN-OF-CUSTOD

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Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 5/28/20 PAGE 1 OF 11

PO#: LAB WORK ORDER#: 0E29003

PROJECT LOCATION OR NAME: Brushy ~~Creek~~ Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl, HNO_3, H_2SO_4 ☐ NaOH ☐, ICE, UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-159	1	5/27/20	1115	S	1				X		X			X	X	X												X			
C-160	2		1116																												
C-161	3		1117																												
C-162	4		1118																												
C-163	5		1119																												
C-164	6		1120																												
C-165	7		1121																												
C-166	8		1122																												
C-167	9		1123																												
C-168	10		1124																												
C-169	11		1125																												
C-170	12		1126																												
C-171	13		1127																												
C-172	14		1128																												
C-173	15		1129																												

TOTAL 15

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 5/29/20 8:30 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2 2.2 CF+1 12 THERM#:
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

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№1173

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 5/28/20 PAGE 8 OF 11

PO#: LAB WORK ORDER#: 0E29003

PROJECT LOCATION OR NAME: Brushy ~~Draw~~ Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-174	16	5/27/20	11:30	S	1				X		X		X	X	X	X												X		
C-175	17	"	11:31	"	"				"		"		"	"	"	"												"		
C-176	18	"	11:32	"	"				"		"		"	"	"	"												"		
C-177	19	"	11:33	"	"				"		"		"	"	"	"												"		
C-178	20	"	11:34	"	"				"		"		"	"	"	"												"		
C-179	21	"	11:35	"	"				"		"		"	"	"	"												"		
C-180	22	"	11:36	"	"				"		"		"	"	"	"												"		
C-181	23	"	11:37	"	"				"		"		"	"	"	"												"		
C-182	24	"	11:38	"	"				"		"		"	"	"	"												"		
C-183	25	"	11:39	"	"				"		"		"	"	"	"												"		
C-184	26	"	11:40	"	"				"		"		"	"	"	"												"		
C-185	27	"	11:41	"	"				"		"		"	"	"	"												"		
C-186	28	"	11:42	"	"				"		"		"	"	"	"												"		
C-187	29	"	11:43	"	"				"		"		"	"	"	"												"		
C-188	30	"	11:44	"	"				"		"		"	"	"	"												"		
TOTAL	14																													

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RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 5/29/20 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2 2.2 THERM#: CF +1 LZ
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

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№1174

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 5/28/20 PAGE 9 OF 11

PO#: LAB WORK ORDER#: 0E29003

PROJECT LOCATION OR NAME: Brushy ~~Creek~~ Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☐ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	BTEX ☒	TRPH 418.1 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	CHLORIDES ☐ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-189	31	5/27/20	1145	S	1				X		X		X	X	X	X	
C-190	32		1146														
C-191	33		1147														
C-192	34		1148														
C-193	35		1149														
C-194	36	5/28/20	1030														
C-195	37		1031														
C-196	38		1032														
C-197	39		1033														
C-198	40		1034														
C-199	41		1035														
C-200	42		1036														
C-201	43		1037														
C-202	44		1038														
C-203	45		1039														
TOTAL	15																

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 5/29/20 8:30 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2 2.2 THERM#: CF#1
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # ☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

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LOS UK — Nº 1175

CHAIN-OF-CUSTOD

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Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 5/28/20 PAGE 10 OF 11

PO#: LAB WORK ORDER#: 0E29004

PROJECT LOCATION OR NAME: Brushy ~~Draw~~ Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

TIME ZONE: Time zone/State: MST

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-204	1	5/28/20	10 40	S	1				X		X		X	X	X													X		
C-205	2		10 41																											
C-206	3		10 42																											
C-207	4		10 43																											
C-208	5		10 44																											
C-209	6		10 45																											
C-210	7		10 46																											
C-211	8		10 47																											
C-212	9		10 48																											
C-213	10		10 49																											
C-214	11		10 50																											
C-215	12		10 51																											
C-216	13		10 52																											
C-217	14		10 53																											
C-218	15		10 54																											
TOTAL	15																													

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 5/29/20 8:30 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2 2.2 THERM#: CF#1 CF2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

Page 499 of 813

L CK №1176

CHAIN-OF-CUSTOD

Page 242 of 242

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 5/28/20 PAGE 11 OF 11

PO#: LAB WORK ORDER#: 0E29004

PROJECT LOCATION OR NAME: Brushy Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl, HNO_3, H_2SO_4 ☐ NaOH ☐, ICE, UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX ☒	MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐	TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐	HOLDPAH ☐	8081 PESTICIDES ☐	8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐	TCLP VOC ☐	TCLP - PEST ☐	HERB ☐	Semi-VOC ☐	TOTAL METALS (RCRA) ☐	OTHER LIST ☐	LEAD - TOTAL ☐	D.W. 200.8 ☐	TCLP ☐	RCI ☐	TOX ☐	FLASHPOINT ☐	TDS ☐	TSS ☐	% MOISTURE ☐	CYANIDE ☐	pH ☐	HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDE ☒	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
C-219	16	5/28/20	1055	S	1				X		X		X	X	X																											X			
C-220	17		10 56																																										
C-221	18		10 57																																										
C-222	19		10 58																																										
C-223	20		10 59																																										
C-224	21		11 00																																										
C-225	22		11 01																																										
C-226	23		11 02																																										
C-227	24		11 03																																										
C-228	25		11 04																																										
C-229	26		11 05																																										
C-230	27		11 06																																										
C-231	28		11 07																																										
C-232	29		11 08																																										
C-233	30		11 09																																										
TOTAL	15																																											

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 5/29/20 8:30 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.3 2.2 THERM#: CF1 L2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson
Larson & Associates, Inc.
P.O. Box 50685
Midland, TX 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Location: NM

Lab Order Number: 0F04010

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-17-8

Report Date: 06/15/20

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-234	0F04010-01	Soil	06/03/20 11:01	06-04-2020 09:25
C-235	0F04010-02	Soil	06/03/20 11:02	06-04-2020 09:25
C-236	0F04010-03	Soil	06/03/20 11:03	06-04-2020 09:25
C-237	0F04010-04	Soil	06/03/20 11:04	06-04-2020 09:25
C-238	0F04010-05	Soil	06/03/20 11:05	06-04-2020 09:25
C-239	0F04010-06	Soil	06/03/20 11:06	06-04-2020 09:25
C-240	0F04010-07	Soil	06/03/20 11:07	06-04-2020 09:25
C-241	0F04010-08	Soil	06/03/20 11:08	06-04-2020 09:25
C-242	0F04010-09	Soil	06/03/20 11:09	06-04-2020 09:25
C-243	0F04010-10	Soil	06/03/20 11:10	06-04-2020 09:25
C-245	0F04010-11	Soil	06/03/20 11:11	06-04-2020 09:25
C-246	0F04010-12	Soil	06/03/20 11:12	06-04-2020 09:25
C-247	0F04010-13	Soil	06/03/20 11:13	06-04-2020 09:25
C-248	0F04010-14	Soil	06/03/20 11:14	06-04-2020 09:25
C-249	0F04010-15	Soil	06/03/20 11:15	06-04-2020 09:25
C-250	0F04010-16	Soil	06/03/20 11:16	06-04-2020 09:25
C-251	0F04010-17	Soil	06/03/20 11:17	06-04-2020 09:25
C-252	0F04010-18	Soil	06/03/20 11:18	06-04-2020 09:25
C-253	0F04010-19	Soil	06/03/20 11:19	06-04-2020 09:25
C-254	0F04010-20	Soil	06/03/20 11:20	06-04-2020 09:25
C-255	0F04010-21	Soil	06/03/20 11:21	06-04-2020 09:25
C-256	0F04010-22	Soil	06/03/20 11:22	06-04-2020 09:25
C-257	0F04010-23	Soil	06/03/20 11:23	06-04-2020 09:25
C-258	0F04010-24	Soil	06/03/20 11:24	06-04-2020 09:25
C-259	0F04010-25	Soil	06/03/20 11:25	06-04-2020 09:25
C-260	0F04010-26	Soil	06/03/20 11:26	06-04-2020 09:25
C-261	0F04010-27	Soil	06/03/20 11:27	06-04-2020 09:25
C-262	0F04010-28	Soil	06/03/20 11:28	06-04-2020 09:25
C-263	0F04010-29	Soil	06/03/20 11:29	06-04-2020 09:25
C-264	0F04010-30	Soil	06/03/20 11:30	06-04-2020 09:25
C-265	0F04010-31	Soil	06/03/20 11:31	06-04-2020 09:25
C-266	0F04010-32	Soil	06/03/20 11:32	06-04-2020 09:25
C-267	0F04010-33	Soil	06/03/20 11:33	06-04-2020 09:25
C-268	0F04010-34	Soil	06/03/20 11:34	06-04-2020 09:25

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-269	0F04010-35	Soil	06/03/20 11:35	06-04-2020 09:25
C-270	0F04010-36	Soil	06/03/20 11:36	06-04-2020 09:25
S-5 @ 5'	0F04010-37	Soil	06/03/20 12:25	06-04-2020 09:25
S-5 @ 7'	0F04010-38	Soil	06/03/20 12:40	06-04-2020 09:25
S-5 @ 10'	0F04010-39	Soil	06/03/20 13:12	06-04-2020 09:25
S-6 @ 5'	0F04010-40	Soil	06/03/20 12:00	06-04-2020 09:25
S-6 @ 7'	0F04010-41	Soil	06/03/20 12:55	06-04-2020 09:25
S-6 @ 10'	0F04010-42	Soil	06/03/20 13:00	06-04-2020 09:25
S-9 @ 5'	0F04010-43	Soil	06/03/20 13:35	06-04-2020 09:25
S-9 @ 7'	0F04010-44	Soil	06/03/20 13:43	06-04-2020 09:25
S-9 @ 10'	0F04010-45	Soil	06/03/20 13:55	06-04-2020 09:25
C-244	0F04010-46	Soil	06/03/20 11:10	06-04-2020 09:25

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-234

0F04010-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Toluene	ND	0.00521	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0F0407*	*06/04/20*	*06/04/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0407*	*06/04/20*	*06/04/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5310**	10.4	mg/kg dry	10	P0F1204	06/12/20	06/13/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.2 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	06/04/20	06/06/20	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-235

0F04010-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Toluene	ND	0.00505	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.1 %*	*75-125*		*P0F0407*	*06/04/20*	*06/04/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0F0407*	*06/04/20*	*06/04/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**76.9**	1.01	mg/kg dry	1	P0F1204	06/12/20	06/13/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.7 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.7 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	06/04/20	06/06/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-236

0F04010-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Toluene	ND	0.00505	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0F0407*	*06/04/20*	*06/04/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*75-125*		*P0F0407*	*06/04/20*	*06/04/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.54**	1.01	mg/kg dry	1	P0F1204	06/12/20	06/13/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.4 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.8 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	06/04/20	06/06/20	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-237

0F04010-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Toluene	ND	0.00500	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0F0407*	*06/04/20*	*06/04/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0F0407*	*06/04/20*	*06/04/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**24.4**	1.00	mg/kg dry	1	P0F1204	06/12/20	06/13/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*81.0 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*89.1 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	06/04/20	06/06/20	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-238

0F04010-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Toluene	ND	0.00500	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/04/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0F0407*	*06/04/20*	*06/04/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0F0407*	*06/04/20*	*06/04/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.7**	1.00	mg/kg dry	1	P0F1204	06/12/20	06/13/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.9 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*91.9 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	06/04/20	06/06/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-239

0F04010-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00505	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.4 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**20.1**	1.01	mg/kg dry	1	P0F1204	06/12/20	06/13/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**44.4**	25.3	mg/kg dry	1	P0F0410	06/04/20	06/08/20	TPH 8015M	
>C12-C28	**64.9**	25.3	mg/kg dry	1	P0F0410	06/04/20	06/08/20	TPH 8015M	
>C28-C35	**35.4**	25.3	mg/kg dry	1	P0F0410	06/04/20	06/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P0F0410*	*06/04/20*	*06/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0F0410*	*06/04/20*	*06/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**145**	25.3	mg/kg dry	1	[CALC]	06/04/20	06/08/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-240

0F04010-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00500	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.6 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**47.1**	1.00	mg/kg dry	1	P0F1204	06/12/20	06/13/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*81.3 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*88.0 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	06/04/20	06/06/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-241

0F04010-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00500	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.6 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**22.2**	1.00	mg/kg dry	1	P0F1204	06/12/20	06/13/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.9 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*89.1 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	06/04/20	06/06/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-242

0F04010-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00500	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.9 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.8 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**14.7**	1.00	mg/kg dry	1	P0F1204	06/12/20	06/13/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.4 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.6 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	06/04/20	06/06/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-243

0F04010-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00500	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**32.6**	1.00	mg/kg dry	1	P0F1204	06/12/20	06/13/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.9 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*87.9 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	06/04/20	06/06/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-245

0F04010-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00526	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.6 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**406**	1.05	mg/kg dry	1	P0F1204	06/12/20	06/13/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.3 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.1 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	06/04/20	06/06/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-246

0F04010-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.9 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1790**	1.08	mg/kg dry	1	P0F1204	06/12/20	06/13/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.5 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	06/04/20	06/06/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-247

0F04010-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00500	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.7 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1260**	1.00	mg/kg dry	1	P0F1204	06/12/20	06/13/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*77.5 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*85.3 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	06/04/20	06/06/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-248

0F04010-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00500	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.3 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**74.5**	1.00	mg/kg dry	1	P0F1204	06/12/20	06/13/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.8 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	06/04/20	06/06/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-249

0F04010-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00500	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.8 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**15.2**	1.00	mg/kg dry	1	P0F1204	06/12/20	06/13/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0F0410	06/04/20	06/06/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.0 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.7 %*	*70-130*		*P0F0410*	*06/04/20*	*06/06/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	06/04/20	06/06/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-250

0F04010-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00505	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0407	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.5 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0F0407*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**22.0**	1.01	mg/kg dry	1	P0F1205	06/12/20	06/13/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*84.2 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.7 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-251

0F04010-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**45.2**	1.00	mg/kg dry	1	P0F1205	06/12/20	06/13/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.4 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.2 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-252

0F04010-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**28.1**	1.01	mg/kg dry	1	P0F1205	06/12/20	06/13/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.3 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.0 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-253

0F04010-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.8 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**18.9**	1.03	mg/kg dry	1	P0F1205	06/12/20	06/13/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*85.1 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-254

0F04010-20 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.9 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**21.5**	1.01	mg/kg dry	1	P0F1205	06/12/20	06/13/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	**37.8**	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.0 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.3 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**37.8**	25.3	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-255

0F04010-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.9 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**33.9**	1.00	mg/kg dry	1	P0F1205	06/12/20	06/13/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*76.7 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*83.4 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-256

0F04010-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**101**	1.01	mg/kg dry	1	P0F1205	06/12/20	06/14/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.6 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.8 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-257

0F04010-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.8 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**22.0**	1.00	mg/kg dry	1	P0F1205	06/12/20	06/14/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*84.6 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.0 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-258

0F04010-24 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**23.7**	1.01	mg/kg dry	1	P0F1205	06/12/20	06/14/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*85.1 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-259

0F04010-25 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**297**	1.03	mg/kg dry	1	P0F1205	06/12/20	06/14/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.8 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-260

0F04010-26 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.9 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**164**	1.01	mg/kg dry	1	P0F1205	06/12/20	06/14/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.8 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-261

0F04010-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.9 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**46.3**	1.05	mg/kg dry	1	P0F1205	06/12/20	06/14/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*77.9 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.0 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-262

0F04010-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**43.2**	1.04	mg/kg dry	1	P0F1205	06/12/20	06/14/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.2 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*100 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-263

0F04010-29 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11.2**	1.03	mg/kg dry	1	P0F1205	06/12/20	06/14/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.0 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-264

0F04010-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**15.7**	1.03	mg/kg dry	1	P0F1205	06/12/20	06/14/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.6 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-265

0F04010-31 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.83**	1.06	mg/kg dry	1	P0F1205	06/12/20	06/14/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.6 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*117 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-266

0F04010-32 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.9 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2.92**	1.11	mg/kg dry	1	P0F1205	06/12/20	06/14/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.8 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-267

0F04010-33 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**40.1**	1.05	mg/kg dry	1	P0F1205	06/12/20	06/14/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.3 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-268

0F04010-34 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.4 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**99.9**	1.04	mg/kg dry	1	P0F1205	06/12/20	06/14/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.4 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-269

0F04010-35 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0F0408	06/04/20	06/05/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0F0408*	*06/04/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**134**	1.02	mg/kg dry	1	P0F1205	06/12/20	06/14/20	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0F0501	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.1 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0F0501*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-270

0F04010-36 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P0F0509	06/05/20	06/05/20	EPA 8021B	
Toluene	ND	0.00532	mg/kg dry	1	P0F0509	06/05/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00532	mg/kg dry	1	P0F0509	06/05/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00532	mg/kg dry	1	P0F0509	06/05/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00532	mg/kg dry	1	P0F0509	06/05/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.7 %*	*75-125*		*P0F0509*	*06/05/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0F0509*	*06/05/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**35.5**	1.06	mg/kg dry	1	P0F1206	06/12/20	06/14/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0F0502	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0F0502	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0F0502	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.8 %*	*70-130*		*P0F0502*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P0F0502*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

S-5 @ 5'

0F04010-37 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**70.5**	1.04	mg/kg dry	1	P0F1206	06/12/20	06/14/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-5 @ 7'

0F04010-38 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**74.9**	1.03	mg/kg dry	1	P0F1206	06/12/20	06/14/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-5 @ 10'

0F04010-39 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**417**	11.0	mg/kg dry	10	P0F1206	06/12/20	06/14/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-6 @ 5'

0F04010-40 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**22.4**	1.03	mg/kg dry	1	P0F1206	06/12/20	06/14/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	

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Larson & Associates, Inc.
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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

S-6 @ 7'

0F04010-41 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**239**	10.8	mg/kg dry	10	P0F1206	06/12/20	06/14/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-6 @ 10'

0F04010-42 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**103**	5.21	mg/kg dry	5	P0F1206	06/12/20	06/14/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-9 @ 5'

0F04010-43 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.53**	1.08	mg/kg dry	1	P0F1206	06/12/20	06/14/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-9 @ 7'

0F04010-44 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.16**	1.04	mg/kg dry	1	P0F1206	06/12/20	06/14/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

S-9 @ 10'

0F04010-45 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.76**	1.04	mg/kg dry	1	P0F1206	06/12/20	06/14/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-244

0F04010-46 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P0F0509	06/05/20	06/05/20	EPA 8021B	
Toluene	ND	0.00500	mg/kg dry	1	P0F0509	06/05/20	06/05/20	EPA 8021B	
Ethylbenzene	ND	0.00500	mg/kg dry	1	P0F0509	06/05/20	06/05/20	EPA 8021B	
Xylene (p/m)	ND	0.00500	mg/kg dry	1	P0F0509	06/05/20	06/05/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/kg dry	1	P0F0509	06/05/20	06/05/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*75-125*		*P0F0509*	*06/05/20*	*06/05/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0F0509*	*06/05/20*	*06/05/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**151**	1.00	mg/kg dry	1	P0F1206	06/12/20	06/14/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F0504	06/05/20	06/05/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0F0502	06/05/20	06/07/20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0F0502	06/05/20	06/07/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0F0502	06/05/20	06/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.5 %*	*70-130*		*P0F0502*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*89.6 %*	*70-130*		*P0F0502*	*06/05/20*	*06/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	06/05/20	06/07/20	calc	

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Larson & Associates, Inc.
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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0407 - General Preparation (GC)										
Blank (P0F0407-BLK1)				Prepared & Analyzed: 06/04/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00500	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.4*	*75-125*			
LCS (P0F0407-BS1)				Prepared & Analyzed: 06/04/20						
Benzene	0.103	0.00100	mg/kg wet	0.100		103	70-130			
Toluene	0.102	0.00500	"	0.100		102	70-130			
Ethylbenzene	0.103	0.00100	"	0.100		103	70-130			
Xylene (p/m)	0.223	0.00200	"	0.200		111	70-130			
Xylene (o)	0.113	0.00100	"	0.100		113	70-130			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*102*	*75-125*			
LCS Dup (P0F0407-BSD1)				Prepared & Analyzed: 06/04/20						
Benzene	0.100	0.00100	mg/kg wet	0.100		100	70-130	2.30	20	
Toluene	0.101	0.00500	"	0.100		101	70-130	1.55	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	70-130	3.49	20	
Xylene (p/m)	0.213	0.00200	"	0.200		107	70-130	4.27	20	
Xylene (o)	0.108	0.00100	"	0.100		108	70-130	5.03	20	
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.7*	*75-125*			
Calibration Blank (P0F0407-CCB1)				Prepared & Analyzed: 06/04/20						
Benzene	0.00		mg/kg wet							
Toluene	1.29		"							
Ethylbenzene	0.340		"							
Xylene (p/m)	0.970		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*96.5*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.3*	*75-125*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0407 - General Preparation (GC)										
Calibration Blank (P0F0407-CCB2)				Prepared & Analyzed: 06/04/20						
Benzene	0.00		mg/kg wet							
Toluene	0.840		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.590		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.6*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.6*	*75-125*			
Calibration Check (P0F0407-CCV1)				Prepared & Analyzed: 06/04/20						
Benzene	0.0980	0.00100	mg/kg wet	0.100		98.0	80-120			
Toluene	0.0952	0.00500	"	0.100		95.2	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		102	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.120*		*96.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Calibration Check (P0F0407-CCV2)				Prepared & Analyzed: 06/04/20						
Benzene	0.100	0.00100	mg/kg wet	0.100		100	80-120			
Toluene	0.0980	0.00500	"	0.100		98.0	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		103	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Calibration Check (P0F0407-CCV3)				Prepared: 06/04/20 Analyzed: 06/05/20						
Benzene	0.103	0.00100	mg/kg wet	0.100		103	80-120			
Toluene	0.101	0.00500	"	0.100		101	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.209	0.00200	"	0.200		104	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			

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Project Number: 20-0100-01
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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0407 - General Preparation (GC)										
Matrix Spike (P0F0407-MS1)	**Source: 0F03001-17**			Prepared: 06/04/20 Analyzed: 06/05/20						
Benzene	0.0836	0.00114	mg/kg dry	0.114	ND	73.5	80-120			QM-07
Toluene	0.0764	0.00568	"	0.114	0.000739	66.6	80-120			QM-07
Ethylbenzene	0.0869	0.00114	"	0.114	ND	76.5	80-120			QM-07
Xylene (p/m)	0.154	0.00227	"	0.227	ND	67.8	80-120			QM-07
Xylene (o)	0.0719	0.00114	"	0.114	ND	63.3	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.141*		"	*0.136*		*103*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.142*		"	*0.136*		*104*	*75-125*			
Matrix Spike Dup (P0F0407-MSD1)	**Source: 0F03001-17**			Prepared: 06/04/20 Analyzed: 06/05/20						
Benzene	0.0832	0.00114	mg/kg dry	0.114	ND	73.2	80-120	0.477	20	QM-07
Toluene	0.0772	0.00568	"	0.114	0.000739	67.2	80-120	0.941	20	QM-07
Ethylbenzene	0.0866	0.00114	"	0.114	ND	76.2	80-120	0.288	20	QM-07
Xylene (p/m)	0.151	0.00227	"	0.227	ND	66.7	80-120	1.68	20	QM-07
Xylene (o)	0.0704	0.00114	"	0.114	ND	61.9	80-120	2.17	20	QM-07
Surrogate: 4-Bromofluorobenzene	*0.135*		"	*0.136*		*99.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.142*		"	*0.136*		*104*	*75-125*			
Batch P0F0408 - General Preparation (GC)										
Blank (P0F0408-BLK1)				Prepared: 06/04/20 Analyzed: 06/05/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*98.5*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.6*	*75-125*			

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Project Manager: Mark Larson

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0408 - General Preparation (GC)										
LCS (P0F0408-BS1)				Prepared: 06/04/20 Analyzed: 06/05/20						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	70-130			
Toluene	0.0962	0.00100	"	0.100		96.2	70-130			
Ethylbenzene	0.103	0.00100	"	0.100		103	70-130			
Xylene (p/m)	0.203	0.00200	"	0.200		101	70-130			
Xylene (o)	0.106	0.00100	"	0.100		106	70-130			
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*96.3*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*75-125*			
LCS Dup (P0F0408-BSD1)				Prepared: 06/04/20 Analyzed: 06/05/20						
Benzene	0.0918	0.00100	mg/kg wet	0.100		91.8	70-130	9.10	20	
Toluene	0.0879	0.00100	"	0.100		87.9	70-130	8.97	20	
Ethylbenzene	0.105	0.00100	"	0.100		105	70-130	1.36	20	
Xylene (p/m)	0.186	0.00200	"	0.200		92.8	70-130	8.82	20	
Xylene (o)	0.0947	0.00100	"	0.100		94.7	70-130	11.0	20	
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*100*	*75-125*			
Calibration Blank (P0F0408-CCB1)				Prepared: 06/04/20 Analyzed: 06/05/20						
Benzene	0.00		mg/kg wet							
Toluene	0.840		"							
Ethylbenzene	0.320		"							
Xylene (p/m)	0.500		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.4*	*75-125*			
Calibration Blank (P0F0408-CCB2)				Prepared: 06/04/20 Analyzed: 06/05/20						
Benzene	0.00		mg/kg wet							
Toluene	0.780		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.420		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.6*	*75-125*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0408 - General Preparation (GC)										
Calibration Check (P0F0408-CCV1)				Prepared: 06/04/20 Analyzed: 06/05/20						
Benzene	0.103	0.00100	mg/kg wet	0.100		103	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.209	0.00200	"	0.200		104	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			
Calibration Check (P0F0408-CCV2)				Prepared: 06/04/20 Analyzed: 06/05/20						
Benzene	0.102	0.00100	mg/kg wet	0.100		102	80-120			
Toluene	0.0992	0.00100	"	0.100		99.2	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.2*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*75-125*			
Calibration Check (P0F0408-CCV3)				Prepared: 06/04/20 Analyzed: 06/05/20						
Benzene	0.106	0.00100	mg/kg wet	0.100		106	80-120			
Toluene	0.0976	0.00100	"	0.100		97.6	80-120			
Ethylbenzene	0.0988	0.00100	"	0.100		98.8	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.7	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Matrix Spike (P0F0408-MS1)	**Source: 0F04010-12**			Prepared: 06/04/20 Analyzed: 06/05/20						
Benzene	0.0895	0.00108	mg/kg dry	0.108	ND	83.2	80-120			
Toluene	0.0839	0.00108	"	0.108	0.000581	77.5	80-120			QM-07
Ethylbenzene	0.0998	0.00108	"	0.108	ND	92.8	80-120			
Xylene (p/m)	0.175	0.00215	"	0.215	ND	81.6	80-120			
Xylene (o)	0.0894	0.00108	"	0.108	ND	83.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.131*		*"*	*0.129*		*102*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.133*		*"*	*0.129*		*103*	*75-125*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0408 - General Preparation (GC)										
Matrix Spike Dup (P0F0408-MSD1)	**Source: 0F04010-12**			Prepared: 06/04/20 Analyzed: 06/05/20						
Benzene	0.0870	0.00108	mg/kg dry	0.108	ND	80.9	80-120	2.79	20	
Toluene	0.0845	0.00108	"	0.108	0.000581	78.1	80-120	0.694	20	QM-07
Ethylbenzene	0.100	0.00108	"	0.108	ND	93.4	80-120	0.666	20	
Xylene (p/m)	0.176	0.00215	"	0.215	ND	81.8	80-120	0.239	20	
Xylene (o)	0.0900	0.00108	"	0.108	ND	83.7	80-120	0.671	20	
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.129*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.132*		*"*	*0.129*		*102*	*75-125*			
Batch P0F0509 - General Preparation (GC)										
Blank (P0F0509-BLK1)				Prepared & Analyzed: 06/05/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00500	"							
Ethylbenzene	ND	0.00500	"							
Xylene (p/m)	ND	0.00500	"							
Xylene (o)	ND	0.00500	"							
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.120*		*96.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.7*	*75-125*			
LCS (P0F0509-BS1)				Prepared & Analyzed: 06/05/20						
Benzene	0.0991	0.00100	mg/kg wet	0.100		99.1	70-130			
Toluene	0.0960	0.00500	"	0.100		96.0	70-130			
Ethylbenzene	0.102	0.00500	"	0.100		102	70-130			
Xylene (p/m)	0.208	0.00500	"	0.200		104	70-130			
Xylene (o)	0.103	0.00500	"	0.100		103	70-130			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.120*		*95.1*	*75-125*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0509 - General Preparation (GC)										
LCS Dup (P0F0509-BSD1)				Prepared & Analyzed: 06/05/20						
Benzene	0.105	0.00100	mg/kg wet	0.100		105	70-130	5.38	20	
Toluene	0.103	0.00500	"	0.100		103	70-130	7.40	20	
Ethylbenzene	0.108	0.00500	"	0.100		108	70-130	5.02	20	
Xylene (p/m)	0.222	0.00500	"	0.200		111	70-130	6.37	20	
Xylene (o)	0.111	0.00500	"	0.100		111	70-130	7.16	20	
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*96.0*	*75-125*			
Calibration Blank (P0F0509-CCB1)				Prepared & Analyzed: 06/05/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.440		"							
Xylene (o)	0.330		"							
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.5*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.2*	*75-125*			
Calibration Blank (P0F0509-CCB2)				Prepared & Analyzed: 06/05/20						
Benzene	0.00		mg/kg wet							
Toluene	0.720		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.300		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.7*	*75-125*			
Calibration Check (P0F0509-CCV1)				Prepared & Analyzed: 06/05/20						
Benzene	0.0998	0.00100	mg/kg wet	0.100		99.8	80-120			
Toluene	0.0971	0.00500	"	0.100		97.1	80-120			
Ethylbenzene	0.0997	0.00500	"	0.100		99.7	80-120			
Xylene (p/m)	0.207	0.00500	"	0.200		103	80-120			
Xylene (o)	0.105	0.00500	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*98.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*101*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0509 - General Preparation (GC)										
Calibration Check (P0F0509-CCV2)				Prepared & Analyzed: 06/05/20						
Benzene	0.103	0.00100	mg/kg wet	0.100		103	80-120			
Toluene	0.0976	0.00500	"	0.100		97.6	80-120			
Ethylbenzene	0.100	0.00500	"	0.100		100	80-120			
Xylene (p/m)	0.206	0.00500	"	0.200		103	80-120			
Xylene (o)	0.111	0.00500	"	0.100		111	80-120			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Calibration Check (P0F0509-CCV3)				Prepared: 06/05/20 Analyzed: 06/06/20						
Benzene	0.104	0.00100	mg/kg wet	0.100		104	80-120			
Toluene	0.0989	0.00500	"	0.100		98.9	80-120			
Ethylbenzene	0.0992	0.00500	"	0.100		99.2	80-120			
Xylene (p/m)	0.205	0.00500	"	0.200		102	80-120			
Xylene (o)	0.112	0.00500	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			
Matrix Spike (P0F0509-MS1)		**Source: 0F05006-01**		Prepared: 06/05/20 Analyzed: 06/06/20						
Benzene	0.0702	0.00100	mg/kg dry	0.100	ND	70.2	80-120			QM-07
Toluene	0.0428	0.00500	"	0.100	ND	42.8	80-120			QM-07
Ethylbenzene	0.0633	0.00500	"	0.100	ND	63.3	80-120			QM-07
Xylene (p/m)	0.104	0.00500	"	0.200	ND	52.1	80-120			QM-07
Xylene (o)	0.0727	0.00500	"	0.100	ND	72.7	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.7*	*75-125*			
Matrix Spike Dup (P0F0509-MSD1)		**Source: 0F05006-01**		Prepared: 06/05/20 Analyzed: 06/06/20						
Benzene	0.0662	0.00100	mg/kg dry	0.100	ND	66.2	80-120	5.90	20	QM-07
Toluene	0.0345	0.00500	"	0.100	ND	34.5	80-120	21.4	20	QM-07
Ethylbenzene	0.0575	0.00500	"	0.100	ND	57.5	80-120	9.57	20	QM-07
Xylene (p/m)	0.0907	0.00500	"	0.200	ND	45.4	80-120	13.8	20	QM-07
Xylene (o)	0.0677	0.00500	"	0.100	ND	67.7	80-120	7.21	20	QM-07
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.6*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0504 - * DEFAULT PREP *** **										
Blank (P0F0504-BLK1)				Prepared & Analyzed: 06/05/20						
% Moisture	ND	0.1	%							
Duplicate (P0F0504-DUP1)		**Source: 0F04005-05**		Prepared & Analyzed: 06/05/20						
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P0F0504-DUP2)		**Source: 0F04005-32**		Prepared & Analyzed: 06/05/20						
% Moisture	14.0	0.1	%		13.0			7.41	20	
Duplicate (P0F0504-DUP3)		**Source: 0F04009-02**		Prepared & Analyzed: 06/05/20						
% Moisture	10.0	0.1	%		9.0			10.5	20	
Duplicate (P0F0504-DUP4)		**Source: 0F04010-23**		Prepared & Analyzed: 06/05/20						
% Moisture	ND	0.1	%		ND				20	
Duplicate (P0F0504-DUP5)		**Source: 0F04011-04**		Prepared & Analyzed: 06/05/20						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P0F0504-DUP6)		**Source: 0F04011-12**		Prepared & Analyzed: 06/05/20						
% Moisture	11.0	0.1	%		14.0			24.0	20	R3
Batch P0F1204 - * DEFAULT PREP *** **										
Blank (P0F1204-BLK1)				Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	ND	1.00	mg/kg wet							
LCS (P0F1204-BS1)				Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	420	1.00	mg/kg wet	400		105	80-120			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1204 - * DEFAULT PREP *** **										
LCS Dup (P0F1204-BSD1)				Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	422	1.00	mg/kg wet	400		105	80-120	0.337	20	
Calibration Blank (P0F1204-CCB1)				Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0F1204-CCB2)				Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0F1204-CCV1)				Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	23.5		mg/kg	20.0		117	0-200			
Calibration Check (P0F1204-CCV2)				Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	20.0		mg/kg	20.0		100	0-200			
Matrix Spike (P0F1204-MS1)		**Source: 0F04008-05**		Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	12200	26.6	mg/kg dry	2660	9580	96.9	80-120			
Matrix Spike (P0F1204-MS2)		**Source: 0F04010-06**		Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	484	1.01	mg/kg dry	505	20.1	91.9	80-120			
Matrix Spike Dup (P0F1204-MSD1)		**Source: 0F04008-05**		Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	12500	26.6	mg/kg dry	2660	9580	109	80-120	2.57	20	
Matrix Spike Dup (P0F1204-MSD2)		**Source: 0F04010-06**		Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	532	1.01	mg/kg dry	505	20.1	101	80-120	9.31	20	
Batch P0F1205 - * DEFAULT PREP *** **										
LCS (P0F1205-BS1)				Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	422	1.00	mg/kg wet	400		105	80-120			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1205 - * DEFAULT PREP *** **										
LCS Dup (P0F1205-BSD1)				Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	420	1.00	mg/kg wet	400		105	80-120	0.437	20	
Calibration Blank (P0F1205-CCB2)				Prepared: 06/12/20 Analyzed: 06/14/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0F1205-CCV1)				Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	21.1		mg/kg	20.0		105	0-200			
Calibration Check (P0F1205-CCV2)				Prepared: 06/12/20 Analyzed: 06/14/20						
Chloride	21.1		mg/kg	20.0		105	0-200			
Matrix Spike (P0F1205-MS1)		**Source: 0F04010-16**		Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	508	1.01	mg/kg dry	505	22.0	96.3	80-120			
Matrix Spike (P0F1205-MS2)		**Source: 0F04010-26**		Prepared: 06/12/20 Analyzed: 06/14/20						
Chloride	632	1.01	mg/kg dry	505	164	92.7	80-120			
Matrix Spike Dup (P0F1205-MSD1)		**Source: 0F04010-16**		Prepared: 06/12/20 Analyzed: 06/13/20						
Chloride	485	1.01	mg/kg dry	505	22.0	91.7	80-120	4.71	20	
Matrix Spike Dup (P0F1205-MSD2)		**Source: 0F04010-26**		Prepared: 06/12/20 Analyzed: 06/14/20						
Chloride	588	1.01	mg/kg dry	505	164	84.0	80-120	7.21	20	
Batch P0F1206 - * DEFAULT PREP *** **										
Blank (P0F1206-BLK1)				Prepared: 06/12/20 Analyzed: 06/14/20						
Chloride	ND	1.00	mg/kg wet							

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Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1206 - * DEFAULT PREP *** **										
LCS (P0F1206-BS1)				Prepared: 06/12/20 Analyzed: 06/14/20						
Chloride	433	1.00	mg/kg wet	400		108	80-120			
LCS Dup (P0F1206-BSD1)				Prepared: 06/12/20 Analyzed: 06/14/20						
Chloride	423	1.00	mg/kg wet	400		106	80-120	2.48	20	
Calibration Blank (P0F1206-CCB1)				Prepared: 06/12/20 Analyzed: 06/14/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0F1206-CCB2)				Prepared: 06/12/20 Analyzed: 06/14/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0F1206-CCV1)				Prepared: 06/12/20 Analyzed: 06/14/20						
Chloride	22.0		mg/kg	20.0		110	0-200			
Calibration Check (P0F1206-CCV2)				Prepared: 06/12/20 Analyzed: 06/14/20						
Chloride	21.4		mg/kg	20.0		107	0-200			
Matrix Spike (P0F1206-MS1)		**Source: 0F04010-36**		Prepared: 06/12/20 Analyzed: 06/14/20						
Chloride	523	1.06	mg/kg dry	532	35.5	91.6	80-120			
Matrix Spike (P0F1206-MS2)		**Source: 0F04010-46**		Prepared: 06/12/20 Analyzed: 06/14/20						
Chloride	631	1.00	mg/kg dry	500	151	96.1	80-120			
Matrix Spike Dup (P0F1206-MSD1)		**Source: 0F04010-36**		Prepared: 06/12/20 Analyzed: 06/14/20						
Chloride	542	1.06	mg/kg dry	532	35.5	95.3	80-120	3.63	20	
Matrix Spike Dup (P0F1206-MSD2)		**Source: 0F04010-46**		Prepared: 06/12/20 Analyzed: 06/14/20						
Chloride	672	1.00	mg/kg dry	500	151	104	80-120	6.35	20	

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0410 - TX 1005										
Blank (P0F0410-BLK1)				Prepared: 06/04/20 Analyzed: 06/06/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*82.7*		*"*	*100*		*82.7*	*70-130*			
Surrogate: o-Terphenyl	*42.5*		*"*	*50.0*		*84.9*	*70-130*			
LCS (P0F0410-BS1)				Prepared: 06/04/20 Analyzed: 06/06/20						
C6-C12	994	25.0	mg/kg wet	1000		99.4	75-125			
>C12-C28	1150	25.0	"	1000		115	75-125			
Surrogate: 1-Chlorooctane	*82.3*		*"*	*100*		*82.3*	*70-130*			
Surrogate: o-Terphenyl	*41.2*		*"*	*50.0*		*82.5*	*70-130*			
LCS Dup (P0F0410-BSD1)				Prepared: 06/04/20 Analyzed: 06/06/20						
C6-C12	966	25.0	mg/kg wet	1000		96.6	75-125	2.84	20	
>C12-C28	1060	25.0	"	1000		106	75-125	8.46	20	
Surrogate: 1-Chlorooctane	*80.4*		*"*	*100*		*80.4*	*70-130*			
Surrogate: o-Terphenyl	*41.3*		*"*	*50.0*		*82.6*	*70-130*			
Calibration Blank (P0F0410-CCB1)				Prepared: 06/04/20 Analyzed: 06/06/20						
C6-C12	5.05		mg/kg wet							
>C12-C28	4.79		"							
Surrogate: 1-Chlorooctane	*90.6*		*"*	*100*		*90.6*	*70-130*			
Surrogate: o-Terphenyl	*47.5*		*"*	*50.0*		*95.1*	*70-130*			
Calibration Blank (P0F0410-CCB2)				Prepared: 06/04/20 Analyzed: 06/06/20						
C6-C12	7.22		mg/kg wet							
>C12-C28	9.00		"							
Surrogate: 1-Chlorooctane	*87.8*		*"*	*100*		*87.8*	*70-130*			
Surrogate: o-Terphenyl	*45.9*		*"*	*50.0*		*91.7*	*70-130*			

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0410 - TX 1005										
Calibration Check (P0F0410-CCV1)				Prepared: 06/04/20 Analyzed: 06/06/20						
C6-C12	489	25.0	mg/kg wet	500		97.8	85-115			
>C12-C28	559	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*84.3*		"	*100*		*84.3*	*70-130*			
Surrogate: o-Terphenyl	*42.9*		"	*50.0*		*85.7*	*70-130*			
Calibration Check (P0F0410-CCV2)				Prepared: 06/04/20 Analyzed: 06/06/20						
C6-C12	465	25.0	mg/kg wet	500		92.9	85-115			
>C12-C28	543	25.0	"	500		109	85-115			
Surrogate: 1-Chlorooctane	*80.3*		"	*100*		*80.3*	*70-130*			
Surrogate: o-Terphenyl	*41.3*		"	*50.0*		*82.5*	*70-130*			
Calibration Check (P0F0410-CCV3)				Prepared: 06/04/20 Analyzed: 06/06/20						
C6-C12	512	25.0	mg/kg wet	500		102	85-115			
>C12-C28	555	25.0	"	500		111	85-115			
Surrogate: 1-Chlorooctane	*87.5*		"	*100*		*87.5*	*70-130*			
Surrogate: o-Terphenyl	*45.1*		"	*50.0*		*90.2*	*70-130*			
Duplicate (P0F0410-DUP1)	**Source: 0F04010-15**			Prepared: 06/04/20 Analyzed: 06/06/20						
C6-C12	45.9	25.0	mg/kg dry		21.6			72.1	20	
>C12-C28	ND	25.0	"		ND				20	
Surrogate: 1-Chlorooctane	*96.8*		"	*100*		*96.8*	*70-130*			
Surrogate: o-Terphenyl	*51.1*		"	*50.0*		*102*	*70-130*			
Batch P0F0501 - TX 1005										
Blank (P0F0501-BLK1)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*120*		"	*160*		*75.0*	*70-130*			
Surrogate: o-Terphenyl	*69.0*		"	*80.0*		*86.2*	*70-130*			

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0501 - TX 1005										
LCS (P0F0501-BS1)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	1580	25.0	mg/kg wet	1800		87.6	75-125			
>C12-C28	1870	25.0	"	1800		104	75-125			
Surrogate: 1-Chlorooctane	*167*		"	*160*		*105*	*70-130*			
Surrogate: o-Terphenyl	*78.4*		"	*80.0*		*98.0*	*70-130*			
LCS Dup (P0F0501-BSD1)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	1530	25.0	mg/kg wet	1800		85.0	75-125	2.94	20	
>C12-C28	1840	25.0	"	1800		102	75-125	1.61	20	
Surrogate: 1-Chlorooctane	*165*		"	*160*		*103*	*70-130*			
Surrogate: o-Terphenyl	*78.1*		"	*80.0*		*97.6*	*70-130*			
Calibration Blank (P0F0501-CCB1)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	19.9		mg/kg wet							
>C12-C28	11.4		"							
Surrogate: 1-Chlorooctane	*146*		"	*160*		*91.0*	*70-130*			
Surrogate: o-Terphenyl	*87.2*		"	*80.0*		*109*	*70-130*			
Calibration Blank (P0F0501-CCB2)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	16.5		mg/kg wet							
>C12-C28	7.67		"							
Surrogate: 1-Chlorooctane	*127*		"	*160*		*79.1*	*70-130*			
Surrogate: o-Terphenyl	*72.8*		"	*80.0*		*91.0*	*70-130*			
Calibration Check (P0F0501-CCV1)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	851	25.0	mg/kg wet	800		106	85-115			
>C12-C28	882	25.0	"	800		110	85-115			
Surrogate: 1-Chlorooctane	*160*		"	*160*		*100*	*70-130*			
Surrogate: o-Terphenyl	*80.9*		"	*80.0*		*101*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0501 - TX 1005										
Calibration Check (P0F0501-CCV2)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	715	25.0	mg/kg wet	800		89.4	85-115			
>C12-C28	786	25.0	"	800		98.3	85-115			
Surrogate: 1-Chlorooctane	*138*		*"*	*160*		*86.3*	*70-130*			
Surrogate: o-Terphenyl	*69.0*		*"*	*80.0*		*86.3*	*70-130*			
Calibration Check (P0F0501-CCV3)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	840	25.0	mg/kg wet	800		105	85-115			
>C12-C28	921	25.0	"	800		115	85-115			
Surrogate: 1-Chlorooctane	*161*		*"*	*160*		*101*	*70-130*			
Surrogate: o-Terphenyl	*79.2*		*"*	*80.0*		*99.0*	*70-130*			
Duplicate (P0F0501-DUP1)	**Source: 0F04010-35**			Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	21.5	25.5	mg/kg dry		22.9			6.49	20	
>C12-C28	11.4	25.5	"		20.1			55.1	20	
Surrogate: 1-Chlorooctane	*148*		*"*	*163*		*90.7*	*70-130*			
Surrogate: o-Terphenyl	*88.5*		*"*	*81.6*		*108*	*70-130*			
Batch P0F0502 - TX 1005										
Blank (P0F0502-BLK1)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*91.5*		*"*	*100*		*91.5*	*70-130*			
Surrogate: o-Terphenyl	*47.8*		*"*	*50.0*		*95.5*	*70-130*			
LCS (P0F0502-BS1)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	1020	25.0	mg/kg wet	1000		102	75-125			
>C12-C28	1130	25.0	"	1000		113	75-125			
Surrogate: 1-Chlorooctane	*84.0*		*"*	*100*		*84.0*	*70-130*			
Surrogate: o-Terphenyl	*44.1*		*"*	*50.0*		*88.2*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0502 - TX 1005										
LCS Dup (P0F0502-BSD1)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	1040	25.0	mg/kg wet	1000		104	75-125	2.40	20	
>C12-C28	1150	25.0	"	1000		115	75-125	2.33	20	
Surrogate: 1-Chlorooctane	*86.1*		*"*	*100*		*86.1*	*70-130*			
Surrogate: o-Terphenyl	*49.0*		*"*	*50.0*		*97.9*	*70-130*			
Calibration Blank (P0F0502-CCB1)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	7.39		mg/kg wet							
>C12-C28	6.99		"							
Surrogate: 1-Chlorooctane	*89.5*		*"*	*100*		*89.5*	*70-130*			
Surrogate: o-Terphenyl	*47.5*		*"*	*50.0*		*94.9*	*70-130*			
Calibration Blank (P0F0502-CCB2)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	7.79		mg/kg wet							
>C12-C28	5.80		"							
Surrogate: 1-Chlorooctane	*84.1*		*"*	*100*		*84.1*	*70-130*			
Surrogate: o-Terphenyl	*44.0*		*"*	*50.0*		*88.0*	*70-130*			
Calibration Check (P0F0502-CCV1)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	552	25.0	mg/kg wet	500		110	85-115			
>C12-C28	572	25.0	"	500		114	85-115			
Surrogate: 1-Chlorooctane	*89.8*		*"*	*100*		*89.8*	*70-130*			
Surrogate: o-Terphenyl	*45.6*		*"*	*50.0*		*91.3*	*70-130*			
Calibration Check (P0F0502-CCV2)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	476	25.0	mg/kg wet	500		95.1	85-115			
>C12-C28	547	25.0	"	500		109	85-115			
Surrogate: 1-Chlorooctane	*81.7*		*"*	*100*		*81.7*	*70-130*			
Surrogate: o-Terphenyl	*42.1*		*"*	*50.0*		*84.3*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F0502 - TX 1005										
Calibration Check (P0F0502-CCV3)				Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	497	25.0	mg/kg wet	500		99.5	85-115			
>C12-C28	561	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*85.0*		*"*	*100*		*85.0*	*70-130*			
Surrogate: o-Terphenyl	*44.2*		*"*	*50.0*		*88.4*	*70-130*			
Duplicate (P0F0502-DUP1)		**Source: 0F04012-08**		Prepared: 06/05/20 Analyzed: 06/07/20						
C6-C12	50.8	27.2	mg/kg dry		54.7			7.52	20	
>C12-C28	ND	27.2	"		ND				20	
Surrogate: 1-Chlorooctane	*99.7*		*"*	*109*		*91.7*	*70-130*			
Surrogate: o-Terphenyl	*56.1*		*"*	*54.3*		*103*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

Notes and Definitions

ROI	Received on Ice
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 6/15/2020

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

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L CK

№ 1034

CHAIN-OF-CUSTODY

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Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 6/04/20 PAGE 1 OF 3

PO#: LAB WORK ORDER#: 0F04010

PROJECT LOCATION OR NAME: Brushy Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-234	1	6/03/20	11 01	S	1				X		X		X	X	X													X		
C-235	2		11 02																											
C-236	3		11 03																											
C-237	4		11 04																											
C-238	5		11 05																											
C-239	6		11 06																											
C-240	7		11 07																											
C-241	8		11 09																											
C-242	9		11 09																											
C-243	10		11 10																											
C-245	11		11 11																											
C-246	12		11 12																											
C-247	13		11 13																											
C-248	14		11 14																											
C-249	15		11 15																											
TOTAL	15																													

RELINQUISHED BY:(Signature) Timothy Dalli DATE/TIME 6/4 9:25 RECEIVED BY: (Signature) Trina Bledsoe

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: IBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐ -0.6
2 DAY ☐ +1.6
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: -0.6 +1.6 THERM#: CF+1 L2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

Page 570 of 813

Nº 1036

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 6/04/20 PAGE 2 OF 2

PO#: LAB WORK ORDER# 0F04010

PROJECT LOCATION OR NAME: Brushy Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

TRRP report? ☐ Yes ☒ No

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

TIME ZONE: Time zone/State: MST

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-250	16	6/03/20	1116	S	1				X		X		X	X	X	X													X		
C-251	17	"	1117	"	"				"		"		"	"	"	"													"		
C-252	18	"	1118	"	"				"		"		"	"	"	"													"		
C-253	19	"	11 19	"	"				"		"		"	"	"	"													"		
C-254	20	"	11 20	"	"				"		"		"	"	"	"													"		
C-255	21	"	11 21	"	"				"		"		"	"	"	"													"		
C-256	22	"	11 22	"	"				"		"		"	"	"	"													"		
C-257	23	"	11 23	"	"				"		"		"	"	"	"													"		
C-258	24	"	11 24	"	"				"		"		"	"	"	"													"		
C-259	25	"	11 25	"	"				"		"		"	"	"	"													"		
C-260	26	"	11 26	"	"				"		"		"	"	"	"													"		
C-261	27	"	11 27	"	"				"		"		"	"	"	"													"		
C-262	28	"	11 28	"	"				"		"		"	"	"	"													"		
C-263	29	"	11 29	"	"				"		"		"	"	"	"													"		
C-264	30	"	11 30	"	"				"		"		"	"	"	"													"		
TOTAL	15																														

RELINQUISHED BY:(Signature) DATE/TIME 6/4 9:25 RECEIVED BY: (Signature)

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RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: PDEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: -0.6 1.6 THERM#: CFH 12
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

Page 571 of 813

№ 1037

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 6/04/20 PAGE 3 OF 3

PO#: _____ LAB WORK ORDER#: 0F04016

PROJECT LOCATION OR NAME: Brushy Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-265	31	6/03/20	1131	S	1				X		X		X	X	X															
C-266	32	"	1132	"	"				"		"		"	"	"															
C-267	33	"	1133	"	"				"		"		"	"	"															
C-268	34	"	1134	"	"				"		"		"	"	"															
C-269	35	"	1135	"	"				"		"		"	"	"															
C-270	36	"	1136	"	"				"		"		"	"	"															
C-244	46		1110	✓	✓				✓		✓		✓	✓	✓															

TOTAL 6

RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
[signature]	6/4 9:25	[signature]
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: -0.6 1.6 THERM#: OF41 L2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

Page 572 of 813

№ 1038

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 6/04/20 PAGE 4 OF

PO#: LAB WORK ORDER#: 0F04010

PROJECT LOCATION OR NAME: Brushy Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☐ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☐ | DIESEL - MOD 8015 ☐ | OIL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☐ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	FIELD NOTES
S-5 5'	37	6/03/20	1225	S	1				X		
S-5 7'	38		1240								
S-5 10'	39		1312								
S-6 5'	40		1200								
S-6 7'	41		1255								
S-6 10'	42		1300								
S-9 5'	43		1335								
S-9 7'	44		1343								
S-9 10'	45		1355								

TOTAL 9

RELINQUISHED BY:(Signature) DATE/TIME 6/4 9:25 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: -0.6 1.6 THERM#: CF+1 L2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

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PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson
Larson & Associates, Inc.
P.O. Box 50685
Midland, TX 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Location:

Lab Order Number: 0F09003

NELAP/TCEQ # T104704516-17-8

Report Date: 06/17/20

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-16	0F09003-01	Soil	06/08/20 10:55	06-09-2020 09:55
C-17	0F09003-02	Soil	06/08/20 11:00	06-09-2020 09:55
C-18	0F09003-03	Soil	06/08/20 11:05	06-09-2020 09:55
C-8	0F09003-04	Soil	06/08/20 11:20	06-09-2020 09:55
C-37	0F09003-05	Soil	06/08/20 11:40	06-09-2020 09:55
C-3	0F09003-06	Soil	06/08/20 11:50	06-09-2020 09:55

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C-16

0F09003-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Toluene	**0.00496**	0.00106	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Ethylbenzene	**0.00163**	0.00106	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Xylene (p/m)	**0.00506**	0.00213	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Xylene (o)	**0.00129**	0.00106	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*88.1 %*	*75-125*		*P0F1601*	*06/16/20*	*06/16/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.4 %*	*75-125*		*P0F1601*	*06/16/20*	*06/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**153**	1.06	mg/kg dry	1	P0F1209	06/12/20	06/15/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0F1001	06/10/20	06/10/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.8 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.4 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	06/16/20	06/16/20	calc	

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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C-17

0F09003-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Toluene	**0.00749**	0.00105	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Ethylbenzene	**0.00231**	0.00105	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Xylene (p/m)	**0.00725**	0.00211	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Xylene (o)	**0.00188**	0.00105	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.2 %*	*75-125*		*P0F1601*	*06/16/20*	*06/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*86.8 %*	*75-125*		*P0F1601*	*06/16/20*	*06/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**524**	1.05	mg/kg dry	1	P0F1209	06/12/20	06/15/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0F1001	06/10/20	06/10/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.6 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.5 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	06/16/20	06/16/20	calc	

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-18

0F09003-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Toluene	**0.00725**	0.00103	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Ethylbenzene	**0.00148**	0.00103	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Xylene (p/m)	**0.00440**	0.00206	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Xylene (o)	**0.00104**	0.00103	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*90.7 %*	*75-125*		*P0F1601*	*06/16/20*	*06/16/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.4 %*	*75-125*		*P0F1601*	*06/16/20*	*06/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.1**	1.03	mg/kg dry	1	P0F1209	06/12/20	06/15/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F1001	06/10/20	06/10/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.7 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.2 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	06/16/20	06/16/20	calc	

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C-8

0F09003-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Toluene	**0.00713**	0.00103	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Ethylbenzene	**0.00152**	0.00103	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Xylene (p/m)	**0.00432**	0.00206	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*89.1 %*	*75-125*		*P0F1601*	*06/16/20*	*06/16/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.4 %*	*75-125*		*P0F1601*	*06/16/20*	*06/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**17.2**	1.03	mg/kg dry	1	P0F1210	06/12/20	06/15/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F1001	06/10/20	06/10/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.9 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.8 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	06/16/20	06/16/20	calc	

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C-37

0F09003-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Toluene	**0.00246**	0.00104	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Xylene (p/m)	**0.00251**	0.00208	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.9 %*	*75-125*		*P0F1601*	*06/16/20*	*06/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*91.5 %*	*75-125*		*P0F1601*	*06/16/20*	*06/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.0**	1.04	mg/kg dry	1	P0F1218	06/12/20	06/15/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0F1001	06/10/20	06/10/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.1 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.1 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	06/16/20	06/16/20	calc	

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Fax: (432) 687-0456

C-3

0F09003-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Toluene	**0.00533**	0.00105	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Ethylbenzene	**0.00139**	0.00105	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Xylene (p/m)	**0.00439**	0.00211	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Xylene (o)	**0.00107**	0.00105	mg/kg dry	1	P0F1601	06/16/20	06/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*90.5 %*	*75-125*		*P0F1601*	*06/16/20*	*06/16/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.2 %*	*75-125*		*P0F1601*	*06/16/20*	*06/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**27.4**	1.05	mg/kg dry	1	P0F1210	06/12/20	06/15/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0F1001	06/10/20	06/10/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*81.3 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.3 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	06/16/20	06/16/20	calc	

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1601 - General Preparation (GC)										
Blank (P0F1601-BLK1)				Prepared & Analyzed: 06/16/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.114*		"	*0.120*		*95.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.105*		"	*0.120*		*87.3*	*75-125*			
LCS (P0F1601-BS1)				Prepared & Analyzed: 06/16/20						
Benzene	0.0903	0.00100	mg/kg wet	0.100		90.3	70-130			
Toluene	0.0941	0.00100	"	0.100		94.1	70-130			
Ethylbenzene	0.0978	0.00100	"	0.100		97.8	70-130			
Xylene (p/m)	0.193	0.00200	"	0.200		96.5	70-130			
Xylene (o)	0.103	0.00100	"	0.100		103	70-130			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.106*		"	*0.120*		*88.3*	*75-125*			
LCS Dup (P0F1601-BSD1)				Prepared & Analyzed: 06/16/20						
Benzene	0.0952	0.00100	mg/kg wet	0.100		95.2	70-130	5.30	20	
Toluene	0.0996	0.00100	"	0.100		99.6	70-130	5.59	20	
Ethylbenzene	0.0962	0.00100	"	0.100		96.2	70-130	1.73	20	
Xylene (p/m)	0.203	0.00200	"	0.200		101	70-130	4.80	20	
Xylene (o)	0.109	0.00100	"	0.100		109	70-130	5.31	20	
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.105*		"	*0.120*		*87.7*	*75-125*			
Calibration Blank (P0F1601-CCB1)				Prepared & Analyzed: 06/16/20						
Benzene	0.00		mg/kg wet							
Toluene	0.500		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.470		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.120*		*95.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.103*		"	*0.120*		*86.0*	*75-125*			

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Project Number: 20-0100-01
Project Manager: Mark Larson

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1601 - General Preparation (GC)										
Calibration Blank (P0F1601-CCB2)				Prepared & Analyzed: 06/16/20						
Benzene	0.00		mg/kg wet							
Toluene	0.540		"							
Ethylbenzene	0.410		"							
Xylene (p/m)	0.770		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.1*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*90.5*	*75-125*			
Calibration Blank (P0F1601-CCB3)				Prepared & Analyzed: 06/16/20						
Benzene	0.00		mg/kg wet							
Toluene	0.970		"							
Ethylbenzene	0.720		"							
Xylene (p/m)	1.98		"							
Xylene (o)	0.650		"							
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.1*	*75-125*			
Calibration Check (P0F1601-CCV1)				Prepared & Analyzed: 06/16/20						
Benzene	0.0926	0.00100	mg/kg wet	0.100		92.6	80-120			
Toluene	0.0944	0.00100	"	0.100		94.4	80-120			
Ethylbenzene	0.0953	0.00100	"	0.100		95.3	80-120			
Xylene (p/m)	0.188	0.00200	"	0.200		93.9	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.104*		*"*	*0.120*		*87.0*	*75-125*			
Calibration Check (P0F1601-CCV2)				Prepared & Analyzed: 06/16/20						
Benzene	0.0895	0.00100	mg/kg wet	0.100		89.5	80-120			
Toluene	0.0919	0.00100	"	0.100		91.9	80-120			
Ethylbenzene	0.0942	0.00100	"	0.100		94.2	80-120			
Xylene (p/m)	0.180	0.00200	"	0.200		90.2	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.5*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1601 - General Preparation (GC)										
Calibration Check (P0F1601-CCV3)				Prepared & Analyzed: 06/16/20						
Benzene	0.0939	0.00100	mg/kg wet	0.100		93.9	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*97.9*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.120*		*96.0*	*75-125*			
Matrix Spike (P0F1601-MS1)		**Source: 0F09003-01**		Prepared & Analyzed: 06/16/20						
Benzene	0.0744	0.00106	mg/kg dry	0.106	ND	69.9	80-120			QM-05
Toluene	0.0985	0.00106	"	0.106	0.00496	87.9	80-120			
Ethylbenzene	0.0981	0.00106	"	0.106	0.00163	90.6	80-120			
Xylene (p/m)	0.188	0.00213	"	0.213	0.00506	85.9	80-120			
Xylene (o)	0.132	0.00106	"	0.106	0.00129	123	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.0634*		"	*0.128*		*49.6*	*75-125*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.112*		"	*0.128*		*87.9*	*75-125*			
Matrix Spike Dup (P0F1601-MSD1)		**Source: 0F09003-01**		Prepared & Analyzed: 06/16/20						
Benzene	0.0790	0.00106	mg/kg dry	0.106	ND	74.3	80-120	6.09	20	QM-05
Toluene	0.0929	0.00106	"	0.106	0.00496	82.7	80-120	6.17	20	
Ethylbenzene	0.102	0.00106	"	0.106	0.00163	94.7	80-120	4.40	20	
Xylene (p/m)	0.185	0.00213	"	0.213	0.00506	84.6	80-120	1.48	20	
Xylene (o)	0.109	0.00106	"	0.106	0.00129	102	80-120	19.3	20	
Surrogate: 4-Bromofluorobenzene	*0.177*		"	*0.128*		*138*	*75-125*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.128*		*92.5*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1001 - * DEFAULT PREP *** **										
Blank (P0F1001-BLK1)				Prepared & Analyzed: 06/10/20						
% Moisture	ND	0.1	%							
Duplicate (P0F1001-DUP1)		**Source: 0F09002-02**		Prepared & Analyzed: 06/10/20						
% Moisture	15.0	0.1	%		15.0			0.00	20	
Duplicate (P0F1001-DUP2)		**Source: 0F09007-05**		Prepared & Analyzed: 06/10/20						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Batch P0F1209 - * DEFAULT PREP *** **										
LCS (P0F1209-BS1)				Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	423	1.00	mg/kg wet	400		106	80-120			
LCS Dup (P0F1209-BSD1)				Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	423	1.00	mg/kg wet	400		106	80-120	0.173	20	
Calibration Blank (P0F1209-CCB2)				Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0F1209-CCV1)				Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	19.8		mg/kg	20.0		99.1	0-200			
Calibration Check (P0F1209-CCV2)				Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	19.8		mg/kg	20.0		99.1	0-200			
Matrix Spike (P0F1209-MS1)		**Source: 0F05010-01**		Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	10500	26.6	mg/kg dry	2660	7810	102	80-120			

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1209 - * DEFAULT PREP *** **										
Matrix Spike (P0F1209-MS2)	**Source: 0F09001-01**			Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	4430	10.3	mg/kg dry	1030	3250	114	80-120			
Matrix Spike Dup (P0F1209-MSD1)	**Source: 0F05010-01**			Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	10200	26.6	mg/kg dry	2660	7810	91.2	80-120	2.87	20	
Matrix Spike Dup (P0F1209-MSD2)	**Source: 0F09001-01**			Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	4410	10.3	mg/kg dry	1030	3250	113	80-120	0.298	20	
Batch P0F1210 - * DEFAULT PREP *** **										
Blank (P0F1210-BLK1)				Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	ND	1.00	mg/kg wet							
LCS (P0F1210-BS1)				Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	421	1.00	mg/kg wet	400		105	80-120			
LCS Dup (P0F1210-BSD1)				Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	416	1.00	mg/kg wet	400		104	80-120	1.34	20	
Calibration Blank (P0F1210-CCB2)				Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0F1210-CCV1)				Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	19.7		mg/kg	20.0		98.3	0-200			
Calibration Check (P0F1210-CCV2)				Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	19.7		mg/kg	20.0		98.3	0-200			

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1210 - * DEFAULT PREP *** **										
Matrix Spike (P0F1210-MS1)	**Source: 0F09003-04**			Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	111	1.03	mg/kg dry	103	17.2	91.3	80-120			
Matrix Spike (P0F1210-MS2)	**Source: 0F09005-10**			Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	4880	11.1	mg/kg dry	1330	3190	127	80-120			QM-05
Matrix Spike Dup (P0F1210-MSD1)	**Source: 0F09003-04**			Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	113	1.03	mg/kg dry	103	17.2	92.5	80-120	1.15	20	
Matrix Spike Dup (P0F1210-MSD2)	**Source: 0F09005-10**			Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	4880	11.1	mg/kg dry	1330	3190	127	80-120	0.0410	20	QM-05
Batch P0F1218 - * DEFAULT PREP *** **										
LCS (P0F1218-BS1)				Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	423	1.00	mg/kg wet	400		106	80-120			
LCS Dup (P0F1218-BSD1)				Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	425	1.00	mg/kg wet	400		106	80-120	0.488	20	
Calibration Check (P0F1218-CCV1)				Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	20.7		mg/kg	20.0		104	0-200			
Calibration Check (P0F1218-CCV2)				Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	20.8		mg/kg	20.0		104	0-200			
Matrix Spike (P0F1218-MS1)	**Source: 0F11007-08**			Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	2930	5.95	mg/kg dry	595	2030	152	80-120			QM-05

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1218 - * DEFAULT PREP *** **										
Matrix Spike (P0F1218-MS2)	**Source: 0F12001-01**			Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	1430	6.10	mg/kg dry	610	729	115	80-120			
Matrix Spike Dup (P0F1218-MSD1)	**Source: 0F11007-08**			Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	2580	5.95	mg/kg dry	595	2030	92.9	80-120	12.7	20	
Matrix Spike Dup (P0F1218-MSD2)	**Source: 0F12001-01**			Prepared: 06/12/20 Analyzed: 06/15/20						
Chloride	1560	6.10	mg/kg dry	610	729	136	80-120	8.40	20	QM-05

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1604 - TX 1005										
Blank (P0F1604-BLK1)				Prepared & Analyzed: 06/16/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*89.1*		*"*	*100*		*89.1*	*70-130*			
Surrogate: o-Terphenyl	*46.3*		*"*	*50.0*		*92.7*	*70-130*			
LCS (P0F1604-BS1)				Prepared & Analyzed: 06/16/20						
C6-C12	1120	25.0	mg/kg wet	1000		112	75-125			
>C12-C28	1210	25.0	"	1000		121	75-125			
Surrogate: 1-Chlorooctane	*102*		*"*	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*40.8*		*"*	*50.0*		*81.7*	*70-130*			
LCS Dup (P0F1604-BSD1)				Prepared & Analyzed: 06/16/20						
C6-C12	1160	25.0	mg/kg wet	1000		116	75-125	3.30	20	
>C12-C28	1210	25.0	"	1000		121	75-125	0.655	20	
Surrogate: 1-Chlorooctane	*105*		*"*	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*41.4*		*"*	*50.0*		*82.8*	*70-130*			
Calibration Blank (P0F1604-CCB1)				Prepared & Analyzed: 06/16/20						
C6-C12	16.8		mg/kg wet							
>C12-C28	10.8		"							
Surrogate: 1-Chlorooctane	*88.9*		*"*	*100*		*88.9*	*70-130*			
Surrogate: o-Terphenyl	*46.9*		*"*	*50.0*		*93.8*	*70-130*			
Calibration Blank (P0F1604-CCB2)				Prepared & Analyzed: 06/16/20						
C6-C12	12.6		mg/kg wet							
>C12-C28	12.0		"							
Surrogate: 1-Chlorooctane	*83.8*		*"*	*100*		*83.8*	*70-130*			
Surrogate: o-Terphenyl	*43.7*		*"*	*50.0*		*87.4*	*70-130*			

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1604 - TX 1005										
Calibration Check (P0F1604-CCV1)				Prepared & Analyzed: 06/16/20						
C6-C12	502	25.0	mg/kg wet	500		100	85-115			
>C12-C28	547	25.0	"	500		109	85-115			
Surrogate: 1-Chlorooctane	*101*		"	*100*		*101*	*70-130*			
Surrogate: o-Terphenyl	*46.6*		"	*50.0*		*93.3*	*70-130*			
Calibration Check (P0F1604-CCV2)				Prepared & Analyzed: 06/16/20						
C6-C12	537	25.0	mg/kg wet	500		107	85-115			
>C12-C28	562	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*88.6*		"	*100*		*88.6*	*70-130*			
Surrogate: o-Terphenyl	*41.2*		"	*50.0*		*82.4*	*70-130*			
Matrix Spike (P0F1604-MS1)	**Source: 0F15007-07**			Prepared & Analyzed: 06/16/20						
C6-C12	1170	25.3	mg/kg dry	1010	20.6	113	75-125			
>C12-C28	1230	25.3	"	1010	541	68.3	75-125			
Surrogate: 1-Chlorooctane	*115*		"	*101*		*114*	*70-130*			
Surrogate: o-Terphenyl	*48.3*		"	*50.5*		*95.6*	*70-130*			
Matrix Spike Dup (P0F1604-MSD1)	**Source: 0F15007-07**			Prepared: 06/16/20 Analyzed: 06/17/20						
C6-C12	1160	25.3	mg/kg dry	1010	20.6	113	75-125	0.251	20	
>C12-C28	1240	25.3	"	1010	541	68.8	75-125	0.749	20	
Surrogate: 1-Chlorooctane	*115*		"	*101*		*114*	*70-130*			
Surrogate: o-Terphenyl	*46.6*		"	*50.5*		*92.2*	*70-130*			

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 6/17/2020

Brent Barron, Laboratory Director/Technical Director

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If you have received this material in error, please notify us immediately at 432-686-7235.

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

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Page 592 of 813

LTB CK KC

Nº 1044

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants

507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 6/9/20 PAGE 1 OF 1

PO#: LAB WORK ORDER#: 0F09003

PROJECT LOCATION OR NAME: Brushy Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
C-16		6/9/20	1055	S	1				X		X	
C-17			1100									
C-18			1105									
C-8			1120									
C-37			1140									
C-3			1150									

ANALYSES: BTEX ☐ MTBE ☐ TPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐ GASOLINE MOD 8015 ☐ DIESEL - MOD 8015 ☐ OIL - MOD 8015 ☐ VOC 8260 ☐ SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ 8082 PCBS ☐ TCLP - METALS (RCRA) ☐ TCLP VOC ☐ TCLP - PEST ☐ HERB ☐ SemiVOC ☐ TOTAL METALS (RCRA) ☐ OTHER LIST ☐ LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ RCI ☐ TOX ☐ FLASHPOINT ☐ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ pH ☐ HEXAVALENT CHROMIUM ☐ EXPLOSIVES ☐ PECHLORATE ☐ CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐

TOTAL 6

RELINQUISHED BY:(Signature) Trent Dunn — DATE/TIME 6/9/20 9:55 — RECEIVED BY:(Signature) Tigra Bledsoe

RELINQUISHED BY:(Signature) — DATE/TIME — RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) — DATE/TIME — RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 14.8 15.8 CF+1 THERM#: LZ
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson
Larson & Associates, Inc.
P.O. Box 50685
Midland, TX 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Location: NM

Lab Order Number: 0F15005

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-17-8

Report Date: 06/17/20

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-69	0F15005-01	Soil	06/12/20 11:18	06-15-2020 09:47
C-70	0F15005-02	Soil	06/12/20 11:33	06-15-2020 09:47
C-72	0F15005-03	Soil	06/12/20 12:05	06-15-2020 09:47
C-73	0F15005-04	Soil	06/12/20 12:15	06-15-2020 09:47
C-221	0F15005-05	Soil	06/12/20 12:20	06-15-2020 09:47
C-228	0F15005-06	Soil	06/12/20 12:25	06-15-2020 09:47
C-232	0F15005-07	Soil	06/12/20 12:30	06-15-2020 09:47
C-213	0F15005-08	Soil	06/12/20 13:03	06-15-2020 09:47
C-217	0F15005-09	Soil	06/12/20 13:04	06-15-2020 09:47
C-71	0F15005-10	Soil	06/12/20 13:07	06-15-2020 09:47

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-69

0F15005-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Toluene	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Ethylbenzene	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (o)	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*87.4 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.8 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**97.5**	1.03	mg/kg dry	1	P0F1602	06/16/20	06/16/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F1603	06/16/20	06/16/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0F1506	06/15/20	06/16/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0F1506	06/15/20	06/16/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0F1506	06/15/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.0 %*	*70-130*		*P0F1506*	*06/15/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*91.9 %*	*70-130*		*P0F1506*	*06/15/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	06/15/20	06/16/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-70

0F15005-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Toluene	ND	0.00521	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Ethylbenzene	ND	0.00521	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00521	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (o)	ND	0.00521	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*90.4 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.3 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**32.9**	1.04	mg/kg dry	1	P0F1602	06/16/20	06/16/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0F1603	06/16/20	06/16/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0F1506	06/15/20	06/16/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0F1506	06/15/20	06/16/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0F1506	06/15/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.3 %*	*70-130*		*P0F1506*	*06/15/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.7 %*	*70-130*		*P0F1506*	*06/15/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	06/15/20	06/16/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-72

0F15005-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Toluene	ND	0.00538	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Ethylbenzene	ND	0.00538	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00538	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (o)	ND	0.00538	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.8 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*90.5 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**422**	1.08	mg/kg dry	1	P0F1602	06/16/20	06/16/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0F1603	06/16/20	06/16/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0F1506	06/15/20	06/16/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0F1506	06/15/20	06/16/20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0F1506	06/15/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.4 %*	*70-130*		*P0F1506*	*06/15/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.5 %*	*70-130*		*P0F1506*	*06/15/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	06/15/20	06/16/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-73

0F15005-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Toluene	ND	0.00521	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Ethylbenzene	ND	0.00521	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00521	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (o)	ND	0.00521	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.5 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*90.6 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**14.0**	1.04	mg/kg dry	1	P0F1602	06/16/20	06/16/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0F1603	06/16/20	06/16/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.8 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.0 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	06/16/20	06/16/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-221

0F15005-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Toluene	ND	0.00543	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Ethylbenzene	ND	0.00543	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00543	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (o)	ND	0.00543	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.5 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.8 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**27.2**	1.09	mg/kg dry	1	P0F1602	06/16/20	06/16/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0F1603	06/16/20	06/16/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*77.2 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*88.9 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	06/16/20	06/16/20	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-228

0F15005-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Toluene	ND	0.00532	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Ethylbenzene	ND	0.00532	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00532	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (o)	ND	0.00532	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*91.7 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.1 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**18.4**	1.06	mg/kg dry	1	P0F1602	06/16/20	06/16/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0F1603	06/16/20	06/16/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*78.3 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*89.0 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	06/16/20	06/16/20	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-232

0F15005-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Toluene	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Ethylbenzene	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (o)	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*91.7 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.2 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**27.1**	1.03	mg/kg dry	1	P0F1602	06/16/20	06/16/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F1603	06/16/20	06/16/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*76.8 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*86.0 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	06/16/20	06/16/20	calc	

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P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-213

0F15005-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Toluene	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Ethylbenzene	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (o)	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.5 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*90.7 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**309**	1.03	mg/kg dry	1	P0F1602	06/16/20	06/16/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F1603	06/16/20	06/16/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*77.3 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*88.3 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	06/16/20	06/16/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-217

0F15005-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Toluene	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Ethylbenzene	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (o)	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.9 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*93.3 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**57.4**	1.03	mg/kg dry	1	P0F1602	06/16/20	06/16/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F1603	06/16/20	06/16/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.0 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*91.2 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	06/16/20	06/16/20	calc	

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Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

C-71

0F15005-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Toluene	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Ethylbenzene	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Xylene (o)	ND	0.00515	mg/kg dry	1	P0F1504	06/15/20	06/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.0 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.4 %*	*75-125*		*P0F1504*	*06/15/20*	*06/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**79.9**	1.03	mg/kg dry	1	P0F1602	06/16/20	06/16/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0F1603	06/16/20	06/16/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0F1604	06/16/20	06/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.1 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*91.7 %*	*70-130*		*P0F1604*	*06/16/20*	*06/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	06/16/20	06/16/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1504 - General Preparation (GC)										
Blank (P0F1504-BLK1)				Prepared & Analyzed: 06/15/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.120*		*95.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.103*		"	*0.120*		*86.1*	*75-125*			
LCS (P0F1504-BS1)				Prepared & Analyzed: 06/15/20						
Benzene	0.0969	0.00100	mg/kg wet	0.100		96.9	70-130			
Toluene	0.0977	0.00100	"	0.100		97.7	70-130			
Ethylbenzene	0.100	0.00100	"	0.100		100	70-130			
Xylene (p/m)	0.202	0.00200	"	0.200		101	70-130			
Xylene (o)	0.107	0.00100	"	0.100		107	70-130			
Surrogate: 4-Bromofluorobenzene	*0.104*		"	*0.120*		*86.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.5*	*75-125*			
LCS Dup (P0F1504-BSD1)				Prepared & Analyzed: 06/15/20						
Benzene	0.0888	0.00100	mg/kg wet	0.100		88.8	70-130	8.76	20	
Toluene	0.0926	0.00100	"	0.100		92.6	70-130	5.34	20	
Ethylbenzene	0.0987	0.00100	"	0.100		98.7	70-130	1.26	20	
Xylene (p/m)	0.188	0.00200	"	0.200		94.1	70-130	6.90	20	
Xylene (o)	0.101	0.00100	"	0.100		101	70-130	6.15	20	
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.105*		"	*0.120*		*87.4*	*75-125*			
Calibration Blank (P0F1504-CCB1)				Prepared & Analyzed: 06/15/20						
Benzene	0.00		mg/kg wet							
Toluene	0.690		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.430		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*93.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.104*		"	*0.120*		*86.5*	*75-125*			

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1504 - General Preparation (GC)										
Calibration Blank (P0F1504-CCB2)				Prepared & Analyzed: 06/15/20						
Benzene	0.00		mg/kg wet							
Toluene	0.430		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.640		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.114*		"	*0.120*		*95.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.105*		"	*0.120*		*87.8*	*75-125*			
Calibration Check (P0F1504-CCV1)				Prepared & Analyzed: 06/15/20						
Benzene	0.0882	0.00100	mg/kg wet	0.100		88.2	80-120			
Toluene	0.0899	0.00100	"	0.100		89.9	80-120			
Ethylbenzene	0.0911	0.00100	"	0.100		91.1	80-120			
Xylene (p/m)	0.179	0.00200	"	0.200		89.6	80-120			
Xylene (o)	0.0967	0.00100	"	0.100		96.7	80-120			
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.120*		*96.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.103*		"	*0.120*		*85.6*	*75-125*			
Calibration Check (P0F1504-CCV2)				Prepared & Analyzed: 06/15/20						
Benzene	0.0928	0.00100	mg/kg wet	0.100		92.8	80-120			
Toluene	0.0907	0.00100	"	0.100		90.7	80-120			
Ethylbenzene	0.0919	0.00100	"	0.100		91.9	80-120			
Xylene (p/m)	0.181	0.00200	"	0.200		90.4	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	*0.109*		"	*0.120*		*90.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.6*	*75-125*			
Calibration Check (P0F1504-CCV3)				Prepared & Analyzed: 06/15/20						
Benzene	0.0918	0.00100	mg/kg wet	0.100		91.8	80-120			
Toluene	0.0937	0.00100	"	0.100		93.7	80-120			
Ethylbenzene	0.0953	0.00100	"	0.100		95.3	80-120			
Xylene (p/m)	0.184	0.00200	"	0.200		91.8	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.108*		"	*0.120*		*90.1*	*75-125*			

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Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1504 - General Preparation (GC)										
Matrix Spike (P0F1504-MS1)		**Source: 0F15005-01**		Prepared & Analyzed: 06/15/20						
Benzene	0.0754	0.00103	mg/kg dry	0.103	ND	73.2	80-120			QM-05
Toluene	0.0739	0.00103	"	0.103	ND	71.6	80-120			QM-05
Ethylbenzene	0.0876	0.00103	"	0.103	ND	85.0	80-120			
Xylene (p/m)	0.147	0.00206	"	0.206	ND	71.5	80-120			QM-05
Xylene (o)	0.0773	0.00103	"	0.103	ND	75.0	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.124*		*96.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.110*		"	*0.124*		*89.1*	*75-125*			
Matrix Spike Dup (P0F1504-MSD1)		**Source: 0F15005-01**		Prepared & Analyzed: 06/15/20						
Benzene	0.0771	0.00103	mg/kg dry	0.103	ND	74.8	80-120	2.18	20	QM-05
Toluene	0.0778	0.00103	"	0.103	ND	75.4	80-120	5.14	20	QM-05
Ethylbenzene	0.0910	0.00103	"	0.103	ND	88.3	80-120	3.77	20	
Xylene (p/m)	0.156	0.00206	"	0.206	ND	75.6	80-120	5.55	20	QM-05
Xylene (o)	0.0832	0.00103	"	0.103	ND	80.7	80-120	7.36	20	
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.124*		*97.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.124*		*90.8*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1602 - * DEFAULT PREP *** **										
LCS (P0F1602-BS1)				Prepared & Analyzed: 06/16/20						
Chloride	411	1.00	mg/kg wet	400		103	80-120			
LCS Dup (P0F1602-BSD1)				Prepared & Analyzed: 06/16/20						
Chloride	416	1.00	mg/kg wet	400		104	80-120	1.24	20	
Calibration Check (P0F1602-CCV1)				Prepared & Analyzed: 06/16/20						
Chloride	20.1		mg/kg	20.0		101	0-200			
Calibration Check (P0F1602-CCV2)				Prepared & Analyzed: 06/16/20						
Chloride	20.1		mg/kg	20.0		100	0-200			
Batch P0F1603 - * DEFAULT PREP *** **										
Blank (P0F1603-BLK1)				Prepared & Analyzed: 06/16/20						
% Moisture	ND	0.1	%							
Duplicate (P0F1603-DUP1)	**Source: 0F15007-01**			Prepared & Analyzed: 06/16/20						
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P0F1603-DUP2)	**Source: 0F15007-17**			Prepared & Analyzed: 06/16/20						
% Moisture	4.0	0.1	%		4.0			0.00	20	

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Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1506 - TX 1005										
Blank (P0F1506-BLK1)				Prepared: 06/15/20 Analyzed: 06/16/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*51.4*		*"*	*50.0*		*103*	*70-130*			
LCS (P0F1506-BS1)				Prepared: 06/15/20 Analyzed: 06/16/20						
C6-C12	1040	25.0	mg/kg wet	1000		104	75-125			
>C12-C28	1250	25.0	"	1000		125	75-125			
Surrogate: 1-Chlorooctane	*96.3*		*"*	*100*		*96.3*	*70-130*			
Surrogate: o-Terphenyl	*46.8*		*"*	*50.0*		*93.6*	*70-130*			
LCS Dup (P0F1506-BSD1)				Prepared: 06/15/20 Analyzed: 06/16/20						
C6-C12	1060	25.0	mg/kg wet	1000		106	75-125	1.21	20	
>C12-C28	1180	25.0	"	1000		118	75-125	5.42	20	
Surrogate: 1-Chlorooctane	*95.8*		*"*	*100*		*95.8*	*70-130*			
Surrogate: o-Terphenyl	*46.7*		*"*	*50.0*		*93.4*	*70-130*			
Calibration Blank (P0F1506-CCB1)				Prepared: 06/15/20 Analyzed: 06/16/20						
C6-C12	18.3		mg/kg wet							
>C12-C28	8.02		"							
Surrogate: 1-Chlorooctane	*101*		*"*	*100*		*101*	*70-130*			
Surrogate: o-Terphenyl	*50.6*		*"*	*50.0*		*101*	*70-130*			
Calibration Blank (P0F1506-CCB2)				Prepared: 06/15/20 Analyzed: 06/16/20						
C6-C12	19.8		mg/kg wet							
>C12-C28	8.81		"							
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*51.3*		*"*	*50.0*		*103*	*70-130*			

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1506 - TX 1005										
Calibration Check (P0F1506-CCV1)				Prepared: 06/15/20 Analyzed: 06/16/20						
C6-C12	506	25.0	mg/kg wet	500		101	85-115			
>C12-C28	564	25.0	"	500		113	85-115			
Surrogate: 1-Chlorooctane	*99.3*		*"*	*100*		*99.3*	*70-130*			
Surrogate: o-Terphenyl	*49.3*		*"*	*50.0*		*98.5*	*70-130*			
Calibration Check (P0F1506-CCV2)				Prepared: 06/15/20 Analyzed: 06/16/20						
C6-C12	504	25.0	mg/kg wet	500		101	85-115			
>C12-C28	556	25.0	"	500		111	85-115			
Surrogate: 1-Chlorooctane	*99.7*		*"*	*100*		*99.7*	*70-130*			
Surrogate: o-Terphenyl	*49.4*		*"*	*50.0*		*98.9*	*70-130*			
Calibration Check (P0F1506-CCV3)				Prepared: 06/15/20 Analyzed: 06/17/20						
C6-C12	519	25.0	mg/kg wet	500		104	85-115			
>C12-C28	544	25.0	"	500		109	85-115			
Surrogate: 1-Chlorooctane	*105*		*"*	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*50.9*		*"*	*50.0*		*102*	*70-130*			
Matrix Spike (P0F1506-MS1)	**Source: 0F15005-03**			Prepared: 06/15/20 Analyzed: 06/16/20						
C6-C12	846	26.9	mg/kg dry	1080	20.4	76.8	75-125			QM-05
>C12-C28	1060	26.9	"	1080	ND	98.9	75-125			
Surrogate: 1-Chlorooctane	*82.0*		*"*	*108*		*76.3*	*70-130*			
Surrogate: o-Terphenyl	*33.3*		*"*	*53.8*		*62.0*	*70-130*			*S-GC*
Matrix Spike Dup (P0F1506-MSD1)	**Source: 0F15005-03**			Prepared: 06/15/20 Analyzed: 06/16/20						
C6-C12	855	26.9	mg/kg dry	1080	20.4	77.6	75-125	1.09	20	
>C12-C28	1070	26.9	"	1080	ND	99.2	75-125	0.311	20	
Surrogate: 1-Chlorooctane	*79.5*		*"*	*108*		*73.9*	*70-130*			
Surrogate: o-Terphenyl	*33.7*		*"*	*53.8*		*62.7*	*70-130*			*S-GC*

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P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1604 - TX 1005										
Blank (P0F1604-BLK1)				Prepared & Analyzed: 06/16/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*89.1*		*"*	*100*		*89.1*	*70-130*			
Surrogate: o-Terphenyl	*46.3*		*"*	*50.0*		*92.7*	*70-130*			
LCS (P0F1604-BS1)				Prepared & Analyzed: 06/16/20						
C6-C12	1120	25.0	mg/kg wet	1000		112	75-125			
>C12-C28	1210	25.0	"	1000		121	75-125			
Surrogate: 1-Chlorooctane	*102*		*"*	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*40.8*		*"*	*50.0*		*81.7*	*70-130*			
LCS Dup (P0F1604-BSD1)				Prepared & Analyzed: 06/16/20						
C6-C12	1160	25.0	mg/kg wet	1000		116	75-125	3.30	20	
>C12-C28	1210	25.0	"	1000		121	75-125	0.655	20	
Surrogate: 1-Chlorooctane	*105*		*"*	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*41.4*		*"*	*50.0*		*82.8*	*70-130*			
Calibration Blank (P0F1604-CCB1)				Prepared & Analyzed: 06/16/20						
C6-C12	16.8		mg/kg wet							
>C12-C28	10.8		"							
Surrogate: 1-Chlorooctane	*88.9*		*"*	*100*		*88.9*	*70-130*			
Surrogate: o-Terphenyl	*46.9*		*"*	*50.0*		*93.8*	*70-130*			
Calibration Blank (P0F1604-CCB2)				Prepared & Analyzed: 06/16/20						
C6-C12	12.6		mg/kg wet							
>C12-C28	12.0		"							
Surrogate: 1-Chlorooctane	*83.8*		*"*	*100*		*83.8*	*70-130*			
Surrogate: o-Terphenyl	*43.7*		*"*	*50.0*		*87.4*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1604 - TX 1005										
Calibration Check (P0F1604-CCV1)				Prepared & Analyzed: 06/16/20						
C6-C12	502	25.0	mg/kg wet	500		100	85-115			
>C12-C28	547	25.0	"	500		109	85-115			
Surrogate: 1-Chlorooctane	*101*		"	*100*		*101*	*70-130*			
Surrogate: o-Terphenyl	*46.6*		"	*50.0*		*93.3*	*70-130*			
Calibration Check (P0F1604-CCV2)				Prepared & Analyzed: 06/16/20						
C6-C12	537	25.0	mg/kg wet	500		107	85-115			
>C12-C28	562	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*88.6*		"	*100*		*88.6*	*70-130*			
Surrogate: o-Terphenyl	*41.2*		"	*50.0*		*82.4*	*70-130*			
Matrix Spike (P0F1604-MS1)	**Source: 0F15007-07**			Prepared & Analyzed: 06/16/20						
C6-C12	1170	25.3	mg/kg dry	1010	20.6	113	75-125			
>C12-C28	1230	25.3	"	1010	541	68.3	75-125			
Surrogate: 1-Chlorooctane	*115*		"	*101*		*114*	*70-130*			
Surrogate: o-Terphenyl	*48.3*		"	*50.5*		*95.6*	*70-130*			
Matrix Spike Dup (P0F1604-MSD1)	**Source: 0F15007-07**			Prepared: 06/16/20 Analyzed: 06/17/20						
C6-C12	1160	25.3	mg/kg dry	1010	20.6	113	75-125	0.251	20	
>C12-C28	1240	25.3	"	1010	541	68.8	75-125	0.749	20	
Surrogate: 1-Chlorooctane	*115*		"	*101*		*114*	*70-130*			
Surrogate: o-Terphenyl	*46.6*		"	*50.5*		*92.2*	*70-130*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Brushy Draw/Select
Project Number: 20-0100-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 6/17/2020

Brent Barron, Laboratory Director/Technical Director

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The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Brushy Draw/Select	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 20-0100-01	
Midland TX, 79710	Project Manager: Mark Larson	

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Page 615 of 813

LKC ChOS No 1088

CHAIN-OF-CUSTODY

Page 23 of 23

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 6/15/2020 PAGE 1 OF 1

PO#: LAB WORK ORDER#: 0F15005

PROJECT LOCATION OR NAME: Brushy Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: RN / TJ

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX 8021 ☐ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☐ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-69	1	6/12/20	11:18	S	1				X		X		X	X	X													X	
C-70	2		11:33																									X	
C-72	3		12:05																									X	
C-73	4		12:15																									X	
C-221	5		12:20																									X	
C-228	6		12:25																									X	
C-232	7		12:30																									X	
C-213	8		13:03																									X	
C-217	9		13:04																									X	
C-71	10		13:07																									X	

TOTAL 10

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 6/15 9:47 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 6/15 9:47 RECEIVED BY: (Signature) Kramer Clerk

LABORATORY: PBEL

TURN AROUND TIME

NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:

RECEIVING TEMP: 4.0 5.0 THERM#:

CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED

☐ CARRIER BILL #

☒ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM

Released to Imaging: 12/22/2021 9:51:56 AM

Certificate of Analysis Summary 664765

Larson and Associates, Inc., Midland, TX

Project Name: Sonic Pit

Project Id: 20-0100-01
Contact: Mark Larson
Project Location:

Date Received in Lab: Thu 06.18.2020 08:40
Report Date: 06.29.2020 16:07
Project Manager: Holly Taylor

Analysis Requested													
	Lab Id:	664765-001		664765-002		664765-003		664765-004		664765-005		664765-006	
	Field Id:	S-1		S-2		S-3		S-4		S-5		S-6	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	06.17.2020 10:40		06.17.2020 10:41		06.17.2020 10:42		06.17.2020 10:43		06.17.2020 10:44		06.17.2020 10:45	
BTEX by EPA 8021B	***Extracted:***	06.23.2020 12:00		06.23.2020 12:00		06.23.2020 12:00		06.23.2020 12:00		06.23.2020 12:00		06.23.2020 16:45	
	Analyzed:	06.23.2020 21:13		06.23.2020 21:33		06.23.2020 21:53		06.23.2020 22:14		06.23.2020 22:34		06.24.2020 02:19	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00201	0.00201	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201
Toluene		0.00234	0.00201	0.00316	0.00199	0.00403	0.00201	0.00437	0.00200	0.00318	0.00199	0.00303 XF	0.00201
Ethylbenzene		<0.00201	0.00201	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201
m,p-Xylenes		<0.00402	0.00402	<0.00398	0.00398	<0.00402	0.00402	<0.00400	0.00400	<0.00398	0.00398	<0.00402	0.00402
o-Xylene		<0.00201	0.00201	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201
Total Xylenes		<0.00201	0.00201	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201
Total BTEX		0.00234	0.00201	0.00316	0.00199	0.00403	0.00201	0.00437	0.00200	0.00318	0.00199	0.00303	0.00201
Chloride by EPA 300	***Extracted:***	06.18.2020 13:10		06.18.2020 13:10		06.18.2020 13:10		06.18.2020 13:10		06.18.2020 13:10		06.18.2020 13:10	
	Analyzed:	06.18.2020 15:16		06.18.2020 15:22		06.19.2020 10:40		06.18.2020 15:35		06.18.2020 15:54		06.18.2020 16:00	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		36.2	25.1	31.1	24.8	27.4	24.9	41.8	25.2	39.7	24.9	59.7	25.0
TPH by SW8015 Mod	***Extracted:***	06.18.2020 11:00		06.18.2020 11:00		06.18.2020 11:00		06.18.2020 11:00		06.18.2020 11:00		06.18.2020 11:00	
	Analyzed:	06.18.2020 13:07		06.18.2020 14:12		06.18.2020 14:33		06.18.2020 14:55		06.18.2020 15:17		06.18.2020 15:38	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8
Total TPH		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8

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

Holly Taylor
Project Manager

Certificate of Analysis Summary 664765

Larson and Associates, Inc., Midland, TX

Project Name: Sonic Pit

Project Id: 20-0100-01
Contact: Mark Larson
Project Location:

Date Received in Lab: Thu 06.18.2020 08:40
Report Date: 06.29.2020 16:07
Project Manager: Holly Taylor

Analysis Requested													
	Lab Id:	664765-007		664765-008		664765-009		664765-010		664765-011		664765-012	
	Field Id:	S-7		S-8		S-9		S-10		S-11		S-12	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	06.17.2020 10:46		06.17.2020 10:47		06.17.2020 10:48		06.17.2020 10:49		06.17.2020 10:50		06.17.2020 10:51	
BTEX by EPA 8021B	***Extracted:***	06.23.2020 16:45		06.23.2020 16:45		06.23.2020 16:45		06.23.2020 16:45		06.23.2020 16:45		06.23.2020 16:45	
	Analyzed:	06.24.2020 02:39		06.24.2020 02:59		06.24.2020 03:20		06.24.2020 03:40		06.24.2020 04:01		06.24.2020 04:21	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
Toluene		0.00462	0.00198	0.00331	0.00200	0.00327	0.00201	0.00254	0.00200	0.00254	0.00200	0.00298	0.00202
Ethylbenzene		<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
m,p-Xylenes		<0.00397	0.00397	<0.00400	0.00400	<0.00402	0.00402	<0.00399	0.00399	<0.00399	0.00399	<0.00404	0.00404
o-Xylene		<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
Total Xylenes		<0.00198	0.00198	<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202
Total BTEX		0.00462	0.00198	0.00331	0.00200	0.00327	0.00201	0.00254	0.00200	0.00254	0.00200	0.00298	0.00202
Chloride by EPA 300	***Extracted:***	06.18.2020 13:10		06.18.2020 13:10		06.18.2020 13:10		06.18.2020 13:10		06.18.2020 13:10		06.19.2020 17:10	
	Analyzed:	06.18.2020 16:19		06.18.2020 16:25		06.18.2020 16:32		06.18.2020 16:38		06.18.2020 16:45		06.19.2020 19:08	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		51.0	25.0	35.7	24.9	64.4	25.2	35.2	4.96	9.50	4.96	14.2	4.97
TPH by SW8015 Mod	***Extracted:***	06.18.2020 11:00		06.18.2020 11:00		06.18.2020 11:00		06.18.2020 11:00		06.18.2020 11:00		06.18.2020 11:00	
	Analyzed:	06.18.2020 16:00		06.18.2020 16:21		06.18.2020 16:43		06.18.2020 17:05		06.18.2020 17:48		06.18.2020 18:10	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Total TPH		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0

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Holly Taylor
Project Manager

Certificate of Analysis Summary 664765

Larson and Associates, Inc., Midland, TX

Project Name: Sonic Pit

Project Id: 20-0100-01
Contact: Mark Larson
Project Location:

Date Received in Lab: Thu 06.18.2020 08:40
Report Date: 06.29.2020 16:07
Project Manager: Holly Taylor

Analysis Requested													
	Lab Id:	664765-013		664765-014		664765-015		664765-016		664765-017		664765-018	
	Field Id:	S-13		S-14		S-15		S-16		S-17		S-18	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	06.17.2020 10:52		06.17.2020 10:53		06.17.2020 10:54		06.17.2020 10:55		06.17.2020 10:56		06.17.2020 10:57	
BTEX by EPA 8021B	***Extracted:***	06.23.2020 16:45		06.23.2020 16:45		06.23.2020 16:45		06.23.2020 16:45		06.26.2020 16:00		06.26.2020 16:00	
	Analyzed:	06.24.2020 04:41		06.24.2020 05:02		06.24.2020 05:22		06.24.2020 09:31		06.28.2020 01:14		06.28.2020 01:34	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00199	0.00199	<0.00199	0.00199	<0.00202	0.00202	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199
Toluene		0.00366	0.00199	0.00251	0.00199	0.00217	0.00202	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199
Ethylbenzene		<0.00199	0.00199	<0.00199	0.00199	<0.00202	0.00202	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199
m,p-Xylenes		<0.00398	0.00398	<0.00398	0.00398	<0.00403	0.00403	<0.00402	0.00402	<0.00397	0.00397	<0.00398	0.00398
o-Xylene		<0.00199	0.00199	<0.00199	0.00199	<0.00202	0.00202	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199
Total Xylenes		<0.00199	0.00199	<0.00199	0.00199	<0.00202	0.00202	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199
Total BTEX		0.00366	0.00199	0.00251	0.00199	0.00217	0.00202	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199
Chloride by EPA 300	***Extracted:***	06.18.2020 13:10		06.18.2020 13:40		06.18.2020 13:40		06.18.2020 13:40		06.18.2020 13:40		06.18.2020 13:40	
	Analyzed:	06.18.2020 16:57		06.18.2020 16:03		06.18.2020 15:48		06.18.2020 16:08		06.18.2020 16:13		06.19.2020 09:43	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		25.3	24.9	41.8	24.9	11.2	4.95	42.6	25.1	28.8	25.0	26.1	5.02
TPH by SW8015 Mod	***Extracted:***	06.18.2020 11:00		06.18.2020 11:00		06.18.2020 11:00		06.18.2020 11:00		06.18.2020 11:00		06.18.2020 11:00	
	Analyzed:	06.18.2020 18:31		06.18.2020 18:53		06.18.2020 19:14		06.18.2020 19:35		06.18.2020 19:57		06.18.2020 20:18	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9	<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	<49.9	49.9	<50.0	50.0
Total TPH		<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.9	49.9	<50.0	50.0

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

Holly Taylor
Project Manager

Certificate of Analysis Summary 664765

Larson and Associates, Inc., Midland, TX

Project Name: Sonic Pit

Project Id: 20-0100-01
Contact: Mark Larson
Project Location:

Date Received in Lab: Thu 06.18.2020 08:40
Report Date: 06.29.2020 16:07
Project Manager: Holly Taylor

Analysis Requested													
	Lab Id:	664765-019		664765-020		664765-021		664765-022		664765-023		664765-024	
	Field Id:	S-19		S-20		S-21		S-22		S-23		S-24	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	06.17.2020 10:58		06.17.2020 10:59		06.17.2020 11:00		06.17.2020 11:01		06.17.2020 11:02		06.17.2020 11:03	
BTEX by EPA 8021B	***Extracted:***	06.26.2020 16:00		06.26.2020 16:00		06.26.2020 16:00		06.26.2020 16:00		06.25.2020 10:13		06.25.2020 10:13	
	Analyzed:	06.28.2020 01:55		06.28.2020 02:15		06.28.2020 02:35		06.28.2020 02:56		06.25.2020 21:18		06.25.2020 21:39	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200
Toluene		<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199	0.00240	0.00200
Ethylbenzene		<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200
m,p-Xylenes		<0.00397	0.00397	<0.00397	0.00397	<0.00400	0.00400	<0.00398	0.00398	<0.00398	0.00398	<0.00400	0.00400
o-Xylene		<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200
Total Xylenes		<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200
Total BTEX		<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199	0.00240	0.00200
Chloride by EPA 300	***Extracted:***	06.18.2020 13:40		06.18.2020 13:40		06.18.2020 13:40		06.18.2020 13:40		06.18.2020 13:40		06.18.2020 13:40	
	Analyzed:	06.19.2020 09:48		06.18.2020 16:38		06.18.2020 16:43		06.18.2020 16:58		06.19.2020 09:53		06.19.2020 09:58	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		49.5	4.99	40.1	25.0	7.41	5.00	15.1	5.02	21.2	4.99	32.7	5.00
TPH by SW8015 Mod	***Extracted:***	06.18.2020 11:00		06.18.2020 11:00		06.18.2020 09:10		06.18.2020 09:10		06.18.2020 09:10		06.18.2020 09:10	
	Analyzed:	06.18.2020 20:39		06.18.2020 21:00		06.18.2020 13:07		06.18.2020 14:12		06.18.2020 14:33		06.18.2020 14:55	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Total TPH		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0

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

Holly Taylor
Project Manager

Certificate of Analysis Summary 664765

Larson and Associates, Inc., Midland, TX

Project Name: Sonic Pit

Project Id: 20-0100-01
Contact: Mark Larson
Project Location:

Date Received in Lab: Thu 06.18.2020 08:40
Report Date: 06.29.2020 16:07
Project Manager: Holly Taylor

Analysis Requested													
	Lab Id:	664765-025		664765-026		664765-027		664765-028		664765-029		664765-030	
	Field Id:	S-25		S-26		S-27		S-28		S-29		S-30	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	06.17.2020 11:04		06.17.2020 11:05		06.17.2020 11:06		06.17.2020 11:07		06.17.2020 11:09		06.17.2020 11:10	
BTEX by EPA 8021B	***Extracted:***	06.25.2020 10:13		06.23.2020 13:00		06.23.2020 13:00		06.23.2020 13:00		06.23.2020 13:00		06.23.2020 13:00	
	Analyzed:	06.25.2020 21:59		06.24.2020 03:55		06.24.2020 04:16		06.24.2020 04:36		06.24.2020 04:56		06.24.2020 05:16	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200
Toluene		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	0.00280	0.00200
Ethylbenzene		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200
m,p-Xylenes		<0.00398	0.00398	<0.00398	0.00398	<0.00398	0.00398	<0.00396	0.00396	<0.00397	0.00397	<0.00401	0.00401
o-Xylene		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200
Total Xylenes		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200
Total BTEX		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	0.00280	0.00200
Chloride by EPA 300	***Extracted:***	06.18.2020 13:40		06.18.2020 13:40		06.18.2020 13:40		06.18.2020 13:40		06.18.2020 13:40		06.18.2020 13:40	
	Analyzed:	06.18.2020 17:14		06.18.2020 17:19		06.18.2020 17:34		06.18.2020 17:39		06.18.2020 17:44		06.18.2020 17:49	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		16.2	4.99	15.3	4.98	36.4	4.98	21.8	4.98	17.7	4.97	28.8	25.1
TPH by SW8015 Mod	***Extracted:***	06.18.2020 09:10		06.18.2020 09:10		06.18.2020 09:10		06.18.2020 09:10		06.18.2020 09:10		06.18.2020 09:10	
	Analyzed:	06.18.2020 15:17		06.18.2020 15:38		06.18.2020 16:00		06.18.2020 16:21		06.18.2020 16:43		06.18.2020 17:05	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8
Total TPH		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.8	49.8

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Holly Taylor
Project Manager

Certificate of Analysis Summary 664765

Larson and Associates, Inc., Midland, TX

Project Name: Sonic Pit

Project Id: 20-0100-01
Contact: Mark Larson
Project Location:

Date Received in Lab: Thu 06.18.2020 08:40
Report Date: 06.29.2020 16:07
Project Manager: Holly Taylor

Analysis Requested													
	Lab Id:	664765-031		664765-032		664765-033		664765-034		664765-035		664765-036	
	Field Id:	S-31		S-32		S-33		S-34		S-35		S-36	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	06.17.2020 11:11		06.17.2020 11:12		06.17.2020 11:13		06.17.2020 11:14		06.17.2020 11:15		06.17.2020 11:16	
BTEX by EPA 8021B	***Extracted:***	06.24.2020 16:30		06.23.2020 13:00		06.23.2020 13:00		06.23.2020 13:00		06.23.2020 13:00		06.23.2020 13:00	
	Analyzed:	06.25.2020 04:13		06.24.2020 05:57		06.24.2020 06:17		06.24.2020 06:37		06.24.2020 06:58		06.24.2020 08:19	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198
Toluene		<0.00199	0.00199	0.00259	0.00199	0.00288	0.00199	<0.00200	0.00200	0.00287	0.00199	0.00322	0.00198
Ethylbenzene		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198
m,p-Xylenes		<0.00398	0.00398	<0.00398	0.00398	<0.00398	0.00398	<0.00399	0.00399	<0.00398	0.00398	<0.00397	0.00397
o-Xylene		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198
Total Xylenes		<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198
Total BTEX		<0.00199	0.00199	0.00259	0.00199	0.00288	0.00199	<0.00200	0.00200	0.00287	0.00199	0.00322	0.00198
Chloride by EPA 300	***Extracted:***	06.18.2020 13:40		06.18.2020 13:40		06.18.2020 13:40		06.18.2020 14:15		06.18.2020 14:15		06.18.2020 14:15	
	Analyzed:	06.18.2020 17:54		06.18.2020 17:59		06.18.2020 18:04		06.18.2020 18:50		06.18.2020 18:35		06.18.2020 18:55	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		148	25.1	308	25.0	8.64	5.04	258	25.1	18.1	4.96	10.1	4.98
TPH by SW8015 Mod	***Extracted:***	06.18.2020 09:10		06.18.2020 09:10		06.18.2020 09:10		06.18.2020 09:10		06.18.2020 09:10		06.18.2020 09:10	
	Analyzed:	06.18.2020 17:48		06.18.2020 18:10		06.18.2020 18:31		06.18.2020 18:53		06.18.2020 19:14		06.18.2020 19:35	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9
Total TPH		<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9

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Holly Taylor
Project Manager

Certificate of Analysis Summary 664765

Larson and Associates, Inc., Midland, TX

Project Name: Sonic Pit

Project Id: 20-0100-01
Contact: Mark Larson
Project Location:

Date Received in Lab: Thu 06.18.2020 08:40
Report Date: 06.29.2020 16:07
Project Manager: Holly Taylor

Analysis Requested													
	Lab Id:	664765-037		664765-038		664765-039		664765-040		664765-041		664765-042	
	Field Id:	S-37		S-38		S-39		S-40		S-41		S-42	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	06.17.2020 11:17		06.17.2020 11:18		06.17.2020 11:19		06.17.2020 11:20		06.17.2020 11:21		06.17.2020 11:22	
BTEX by EPA 8021B	***Extracted:***	06.24.2020 16:30		06.24.2020 16:30		06.23.2020 13:00		06.24.2020 16:30		06.25.2020 10:13		06.25.2020 10:13	
	Analyzed:	06.25.2020 04:33		06.25.2020 04:54		06.24.2020 09:20		06.25.2020 05:14		06.25.2020 22:20		06.25.2020 22:40	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202	<0.00201	0.00201
Toluene		<0.00199	0.00199	<0.00198	0.00198	0.00411	0.00200	<0.00198	0.00198	0.00398	0.00202	0.00221	0.00201
Ethylbenzene		<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202	<0.00201	0.00201
m,p-Xylenes		<0.00398	0.00398	<0.00396	0.00396	<0.00401	0.00401	<0.00397	0.00397	<0.00403	0.00403	<0.00402	0.00402
o-Xylene		<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202	<0.00201	0.00201
Total Xylenes		<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00198	0.00198	<0.00202	0.00202	<0.00201	0.00201
Total BTEX		<0.00199	0.00199	<0.00198	0.00198	0.00411	0.00200	<0.00198	0.00198	0.00398	0.00202	0.00221	0.00201
Chloride by EPA 300	***Extracted:***	06.18.2020 14:15		06.18.2020 14:15		06.18.2020 14:15		06.18.2020 14:15		06.18.2020 14:15		06.18.2020 14:15	
	Analyzed:	06.18.2020 19:00		06.18.2020 19:05		06.18.2020 19:20		06.18.2020 19:25		06.18.2020 19:30		06.18.2020 19:35	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		8.70	5.00	8.12	5.05	6.96	4.98	7.22	4.95	8.88	5.02	8.09	4.95
TPH by SW8015 Mod	***Extracted:***	06.18.2020 09:10		06.18.2020 09:10		06.18.2020 09:10		06.18.2020 09:10		06.18.2020 14:00		06.18.2020 14:00	
	Analyzed:	06.18.2020 19:57		06.18.2020 20:18		06.18.2020 20:39		06.18.2020 21:00		06.18.2020 22:46		06.18.2020 23:50	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9
Total TPH		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9

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Holly Taylor
Project Manager

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Larson and Associates, Inc., Midland, TX

Project Name: Sonic Pit

Project Id: 20-0100-01
Contact: Mark Larson
Project Location:

Date Received in Lab: Thu 06.18.2020 08:40
Report Date: 06.29.2020 16:07
Project Manager: Holly Taylor

Analysis Requested													
	Lab Id:	664765-043		664765-044		664765-045		664765-046		664765-047		664765-048	
	Field Id:	S-43		S-44		S-45		S-46		S-47		S-48	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	06.17.2020 11:23		06.17.2020 11:24		06.17.2020 11:25		06.17.2020 00:00		06.17.2020 00:00		06.17.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	06.25.2020 10:13		06.25.2020 10:13		06.25.2020 10:13		06.25.2020 10:13		06.25.2020 10:13		06.25.2020 10:13	
	Analyzed:	06.25.2020 23:00		06.25.2020 23:21		06.25.2020 23:41		06.26.2020 00:02		06.26.2020 00:22		06.25.2020 16:51	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200
Toluene		0.00302	0.00201	0.00234	0.00199	0.00858	0.00200	0.00253	0.00198	0.00509	0.00198	0.00225	0.00200
Ethylbenzene		<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200
m,p-Xylenes		<0.00402	0.00402	<0.00398	0.00398	<0.00400	0.00400	<0.00397	0.00397	<0.00396	0.00396	<0.00401	0.00401
o-Xylene		<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200
Total Xylenes		<0.00201	0.00201	<0.00199	0.00199	<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200
Total BTEX		0.00302	0.00201	0.00234	0.00199	0.00858	0.00200	0.00253	0.00198	0.00509	0.00198	0.00225	0.00200
Chloride by EPA 300	***Extracted:***	06.18.2020 14:15		06.18.2020 14:15		06.18.2020 14:15		06.18.2020 14:15		06.18.2020 14:15		06.18.2020 14:15	
	Analyzed:	06.18.2020 19:41		06.18.2020 19:46		06.18.2020 20:01		06.18.2020 20:06		06.18.2020 20:21		06.18.2020 20:26	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		6.57	4.99	6.59	5.04	7.61	4.98	7.50	5.01	6.49	4.96	7.17	4.95
TPH by SW8015 Mod	***Extracted:***	06.18.2020 14:00		06.18.2020 14:00		06.18.2020 14:00		06.18.2020 14:00		06.18.2020 14:00		06.18.2020 14:00	
	Analyzed:	06.19.2020 00:11		06.19.2020 00:32		06.19.2020 00:53		06.19.2020 01:14		06.19.2020 01:35		06.19.2020 01:56	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8
Total TPH		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8

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

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

Holly Taylor
Project Manager

Analytical Report 664765

for

Larson and Associates, Inc.

Project Manager: Mark Larson

Sonic Pit

20-0100-01

06.29.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

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

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

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

06.29.2020

Project Manager: **Mark Larson**
Larson and Associates, Inc.
P. O. Box 50685
Midland, TX 79710

Reference: XENCO Report No(s): **664765**
Sonic Pit
Project Address:

Mark Larson :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 664765. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 664765 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Holly Taylor

Holly Taylor
Project Manager

A Small Business and Minority Company

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

Released to Imaging: 12/22/2021 9:51:56 AM

Sample Cross Reference 664765

Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
S-1	S	06.17.2020 10:40		664765-001
S-2	S	06.17.2020 10:41		664765-002
S-3	S	06.17.2020 10:42		664765-003
S-4	S	06.17.2020 10:43		664765-004
S-5	S	06.17.2020 10:44		664765-005
S-6	S	06.17.2020 10:45		664765-006
S-7	S	06.17.2020 10:46		664765-007
S-8	S	06.17.2020 10:47		664765-008
S-9	S	06.17.2020 10:48		664765-009
S-10	S	06.17.2020 10:49		664765-010
S-11	S	06.17.2020 10:50		664765-011
S-12	S	06.17.2020 10:51		664765-012
S-13	S	06.17.2020 10:52		664765-013
S-14	S	06.17.2020 10:53		664765-014
S-15	S	06.17.2020 10:54		664765-015
S-16	S	06.17.2020 10:55		664765-016
S-17	S	06.17.2020 10:56		664765-017
S-18	S	06.17.2020 10:57		664765-018
S-19	S	06.17.2020 10:58		664765-019
S-20	S	06.17.2020 10:59		664765-020
S-21	S	06.17.2020 11:00		664765-021
S-22	S	06.17.2020 11:01		664765-022
S-23	S	06.17.2020 11:02		664765-023
S-24	S	06.17.2020 11:03		664765-024
S-25	S	06.17.2020 11:04		664765-025
S-26	S	06.17.2020 11:05		664765-026
S-27	S	06.17.2020 11:06		664765-027
S-28	S	06.17.2020 11:07		664765-028
S-29	S	06.17.2020 11:09		664765-029
S-30	S	06.17.2020 11:10		664765-030
S-31	S	06.17.2020 11:11		664765-031
S-32	S	06.17.2020 11:12		664765-032
S-33	S	06.17.2020 11:13		664765-033
S-34	S	06.17.2020 11:14		664765-034
S-35	S	06.17.2020 11:15		664765-035
S-36	S	06.17.2020 11:16		664765-036
S-37	S	06.17.2020 11:17		664765-037
S-38	S	06.17.2020 11:18		664765-038
S-39	S	06.17.2020 11:19		664765-039
S-40	S	06.17.2020 11:20		664765-040
S-41	S	06.17.2020 11:21		664765-041
S-42	S	06.17.2020 11:22		664765-042
S-43	S	06.17.2020 11:23		664765-043

Sample Cross Reference 664765

Larson and Associates, Inc., Midland, TX

Sonic Pit

S-44	S	06.17.2020 11:24	664765-044
S-45	S	06.17.2020 11:25	664765-045
S-46	S	06.17.2020 00:00	664765-046
S-47	S	06.17.2020 00:00	664765-047
S-48	S	06.17.2020 00:00	664765-048

CASE NARRATIVE

Client Name: Larson and Associates, Inc.
Project Name: Sonic Pit

Project ID: *20-0100-01*
Work Order Number(s): *664765*

Report Date: *06.29.2020*
Date Received: *06.18.2020*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3129823 BTEX by EPA 8021B

Lab Sample ID 664765-026 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Benzene recovered below QC limits in the Matrix Spike. 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: 664765-026, -027, -028, -029, -030, -032, -033, -034, -035, -036, -039.

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: 664765-034,664765-036,664765-035.

Batch: LBA-3129828 BTEX by EPA 8021B

Lab Sample ID 664765-006 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Benzene, Toluene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Ethylbenzene, 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: 664765-006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016.

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: 664765-008,664765-010,664765-009.

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: 664765-006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016

Certificate of Analytical Results 664765

Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id: **S-1** Matrix: Soil Date Received:06.18.2020 08:40

Lab Sample Id: 664765-001 Date Collected: 06.17.2020 10:40

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: SPC % Moisture:

Analyst: CHE Date Prep: 06.18.2020 13:10 Basis: Wet Weight

Seq Number: 3129442

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**36.2**	25.1	mg/kg	06.18.2020 15:16		5

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 06.18.2020 11:00 Basis: Wet Weight

Seq Number: 3129420

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 13:07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 13:07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 13:07	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 13:07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-130	06.18.2020 13:07	
o-Terphenyl	84-15-1	82	%	70-130	06.18.2020 13:07	

Certificate of Analytical Results 664765

Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-1**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-001	Date Collected:	06.17.2020 10:40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 12:00	Basis:	Wet Weight
Seq Number:	3129775				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	06.23.2020 21:13	U	1
Toluene	108-88-3	**0.00234**	0.00201	mg/kg	06.23.2020 21:13		1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	06.23.2020 21:13	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	06.23.2020 21:13	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	06.23.2020 21:13	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	06.23.2020 21:13	U	1
Total BTEX		**0.00234**	0.00201	mg/kg	06.23.2020 21:13		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	126	%	70-130	06.23.2020 21:13	
1,4-Difluorobenzene	540-36-3	94	%	70-130	06.23.2020 21:13	

Certificate of Analytical Results 664765

Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-2**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-002	Date Collected:	06.17.2020 10:41		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:10	Basis:	Wet Weight
Seq Number:	3129442				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**31.1**	24.8	mg/kg	06.18.2020 15:22		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.18.2020 14:12	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.18.2020 14:12	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.18.2020 14:12	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.18.2020 14:12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-130	06.18.2020 14:12	
o-Terphenyl	84-15-1	83	%	70-130	06.18.2020 14:12	

Certificate of Analytical Results 664765

Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-2**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-002	Date Collected:	06.17.2020 10:41		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 12:00	Basis:	Wet Weight
Seq Number:	3129775				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.23.2020 21:33	U	1
Toluene	108-88-3	**0.00316**	0.00199	mg/kg	06.23.2020 21:33		1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.23.2020 21:33	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.23.2020 21:33	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.23.2020 21:33	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.23.2020 21:33	U	1
Total BTEX		**0.00316**	0.00199	mg/kg	06.23.2020 21:33		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	81	%	70-130	06.23.2020 21:33	
1,4-Difluorobenzene	540-36-3	104	%	70-130	06.23.2020 21:33	

Certificate of Analytical Results 664765

Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-3**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-003	Date Collected:	06.17.2020 10:42		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:10	Basis:	Wet Weight
Seq Number:	3129442				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**27.4**	24.9	mg/kg	06.19.2020 10:40		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 14:33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 14:33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 14:33	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 14:33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-130	06.18.2020 14:33	
o-Terphenyl	84-15-1	82	%	70-130	06.18.2020 14:33	

Certificate of Analytical Results 664765

Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-3**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-003	Date Collected:	06.17.2020 10:42		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 12:00	Basis:	Wet Weight
Seq Number:	3129775				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	06.23.2020 21:53	U	1
Toluene	108-88-3	**0.00403**	0.00201	mg/kg	06.23.2020 21:53		1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	06.23.2020 21:53	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	06.23.2020 21:53	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	06.23.2020 21:53	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	06.23.2020 21:53	U	1
Total BTEX		**0.00403**	0.00201	mg/kg	06.23.2020 21:53		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	100	%	70-130	06.23.2020 21:53	
4-Bromofluorobenzene	460-00-4	106	%	70-130	06.23.2020 21:53	

Certificate of Analytical Results 664765

Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-4**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-004	Date Collected:	06.17.2020 10:43		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:10	Basis:	Wet Weight
Seq Number:	3129442				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**41.8**	25.2	mg/kg	06.18.2020 15:35		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 14:55	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 14:55	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 14:55	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 14:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-130	06.18.2020 14:55	
o-Terphenyl	84-15-1	83	%	70-130	06.18.2020 14:55	

Certificate of Analytical Results 664765

Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-4**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-004	Date Collected:	06.17.2020 10:43		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 12:00	Basis:	Wet Weight
Seq Number:	3129775				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.23.2020 22:14	U	1
Toluene	108-88-3	**0.00437**	0.00200	mg/kg	06.23.2020 22:14		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.23.2020 22:14	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	06.23.2020 22:14	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.23.2020 22:14	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.23.2020 22:14	U	1
Total BTEX		**0.00437**	0.00200	mg/kg	06.23.2020 22:14		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	114	%	70-130	06.23.2020 22:14	
1,4-Difluorobenzene	540-36-3	98	%	70-130	06.23.2020 22:14	

Certificate of Analytical Results 664765

Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-5**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-005	Date Collected:	06.17.2020 10:44		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:10	Basis:	Wet Weight
Seq Number:	3129442				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**39.7**	24.9	mg/kg	06.18.2020 15:54		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.18.2020 15:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.18.2020 15:17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.18.2020 15:17	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.18.2020 15:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-130	06.18.2020 15:17	
o-Terphenyl	84-15-1	82	%	70-130	06.18.2020 15:17	

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Sonic Pit

Sample Id:	**S-5**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-005	Date Collected:	06.17.2020 10:44		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 12:00	Basis:	Wet Weight
Seq Number:	3129775				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.23.2020 22:34	U	1
Toluene	108-88-3	**0.00318**	0.00199	mg/kg	06.23.2020 22:34		1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.23.2020 22:34	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.23.2020 22:34	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.23.2020 22:34	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.23.2020 22:34	U	1
Total BTEX		**0.00318**	0.00199	mg/kg	06.23.2020 22:34		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	06.23.2020 22:34	
4-Bromofluorobenzene	460-00-4	124	%	70-130	06.23.2020 22:34	

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Sample Id:	**S-6**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-006	Date Collected:	06.17.2020 10:45		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:10	Basis:	Wet Weight
Seq Number:	3129442				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**59.7**	25.0	mg/kg	06.18.2020 16:00		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	06.18.2020 15:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	06.18.2020 15:38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	06.18.2020 15:38	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	06.18.2020 15:38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-130	06.18.2020 15:38	
o-Terphenyl	84-15-1	82	%	70-130	06.18.2020 15:38	

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Sonic Pit

Sample Id:	**S-6**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-006	Date Collected:	06.17.2020 10:45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 16:45	Basis:	Wet Weight
Seq Number:	3129828				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	06.24.2020 02:19	UXF	1
Toluene	108-88-3	**0.00303**	0.00201	mg/kg	06.24.2020 02:19	XF	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	06.24.2020 02:19	UXF	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	06.24.2020 02:19	UXF	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	06.24.2020 02:19	UXF	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	06.24.2020 02:19	U	1
Total BTEX		**0.00303**	0.00201	mg/kg	06.24.2020 02:19		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	06.24.2020 02:19	
4-Bromofluorobenzene	460-00-4	129	%	70-130	06.24.2020 02:19	

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Sonic Pit

Sample Id:	**S-7**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-007	Date Collected:	06.17.2020 10:46		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:10	Basis:	Wet Weight
Seq Number:	3129442				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**51.0**	25.0	mg/kg	06.18.2020 16:19		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 16:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 16:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 16:00	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 16:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-130	06.18.2020 16:00	
o-Terphenyl	84-15-1	83	%	70-130	06.18.2020 16:00	

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Sonic Pit

Sample Id:	**S-7**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-007	Date Collected:	06.17.2020 10:46		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 16:45	Basis:	Wet Weight
Seq Number:	3129828				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.24.2020 02:39	U	1
Toluene	108-88-3	**0.00462**	0.00198	mg/kg	06.24.2020 02:39		1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.24.2020 02:39	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	06.24.2020 02:39	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.24.2020 02:39	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.24.2020 02:39	U	1
Total BTEX		**0.00462**	0.00198	mg/kg	06.24.2020 02:39		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	125	%	70-130	06.24.2020 02:39	
1,4-Difluorobenzene	540-36-3	100	%	70-130	06.24.2020 02:39	

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Sample Id:	**S-8**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-008	Date Collected:	06.17.2020 10:47		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:10	Basis:	Wet Weight
Seq Number:	3129442				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**35.7**	24.9	mg/kg	06.18.2020 16:25		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.18.2020 16:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.18.2020 16:21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.18.2020 16:21	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.18.2020 16:21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-130	06.18.2020 16:21	
o-Terphenyl	84-15-1	81	%	70-130	06.18.2020 16:21	

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Sonic Pit

Sample Id:	**S-8**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-008	Date Collected:	06.17.2020 10:47		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 16:45	Basis:	Wet Weight
Seq Number:	3129828				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.24.2020 02:59	U	1
Toluene	108-88-3	**0.00331**	0.00200	mg/kg	06.24.2020 02:59		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.24.2020 02:59	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	06.24.2020 02:59	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.24.2020 02:59	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.24.2020 02:59	U	1
Total BTEX		**0.00331**	0.00200	mg/kg	06.24.2020 02:59		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	131	%	70-130	06.24.2020 02:59	**
1,4-Difluorobenzene	540-36-3	93	%	70-130	06.24.2020 02:59	

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Sample Id:	**S-9**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-009	Date Collected:	06.17.2020 10:48		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:10	Basis:	Wet Weight
Seq Number:	3129442				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**64.4**	25.2	mg/kg	06.18.2020 16:32		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 16:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 16:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 16:43	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 16:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-130	06.18.2020 16:43	
o-Terphenyl	84-15-1	83	%	70-130	06.18.2020 16:43	

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Sonic Pit

Sample Id:	**S-9**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-009	Date Collected:	06.17.2020 10:48		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 16:45	Basis:	Wet Weight
Seq Number:	3129828				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	06.24.2020 03:20	U	1
Toluene	108-88-3	**0.00327**	0.00201	mg/kg	06.24.2020 03:20		1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	06.24.2020 03:20	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	06.24.2020 03:20	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	06.24.2020 03:20	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	06.24.2020 03:20	U	1
Total BTEX		**0.00327**	0.00201	mg/kg	06.24.2020 03:20		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	06.24.2020 03:20	
4-Bromofluorobenzene	460-00-4	131	%	70-130	06.24.2020 03:20	**

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Sonic Pit

Sample Id:	**S-10**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-010	Date Collected:	06.17.2020 10:49		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:10	Basis:	Wet Weight
Seq Number:	3129442				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**35.2**	4.96	mg/kg	06.18.2020 16:38		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.18.2020 17:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.18.2020 17:05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.18.2020 17:05	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.18.2020 17:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-130	06.18.2020 17:05	
o-Terphenyl	84-15-1	85	%	70-130	06.18.2020 17:05	

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Sonic Pit

Sample Id:	**S-10**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-010	Date Collected:	06.17.2020 10:49		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 16:45	Basis:	Wet Weight
Seq Number:	3129828				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.24.2020 03:40	U	1
Toluene	108-88-3	**0.00254**	0.00200	mg/kg	06.24.2020 03:40		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.24.2020 03:40	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	06.24.2020 03:40	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.24.2020 03:40	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.24.2020 03:40	U	1
Total BTEX		**0.00254**	0.00200	mg/kg	06.24.2020 03:40		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	133	%	70-130	06.24.2020 03:40	**
1,4-Difluorobenzene	540-36-3	95	%	70-130	06.24.2020 03:40	

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Sample Id:	**S-11**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-011	Date Collected:	06.17.2020 10:50		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:10	Basis:	Wet Weight
Seq Number:	3129442				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**9.50**	4.96	mg/kg	06.18.2020 16:45		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	06.18.2020 17:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	06.18.2020 17:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	06.18.2020 17:48	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	06.18.2020 17:48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-130	06.18.2020 17:48	
o-Terphenyl	84-15-1	80	%	70-130	06.18.2020 17:48	

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Sample Id:	**S-11**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-011	Date Collected:	06.17.2020 10:50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 16:45	Basis:	Wet Weight
Seq Number:	3129828				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.24.2020 04:01	U	1
Toluene	108-88-3	**0.00254**	0.00200	mg/kg	06.24.2020 04:01		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.24.2020 04:01	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	06.24.2020 04:01	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.24.2020 04:01	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.24.2020 04:01	U	1
Total BTEX		**0.00254**	0.00200	mg/kg	06.24.2020 04:01		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	127	%	70-130	06.24.2020 04:01	
1,4-Difluorobenzene	540-36-3	93	%	70-130	06.24.2020 04:01	

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Sonic Pit

Sample Id: **S-12** Matrix: Soil Date Received:06.18.2020 08:40

Lab Sample Id: 664765-012 Date Collected: 06.17.2020 10:51

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 06.19.2020 17:10 Basis: Wet Weight

Seq Number: 3129543

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**14.2**	4.97	mg/kg	06.19.2020 19:08		1

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 06.18.2020 11:00 Basis: Wet Weight

Seq Number: 3129420

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 18:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 18:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 18:10	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 18:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-130	06.18.2020 18:10	
o-Terphenyl	84-15-1	83	%	70-130	06.18.2020 18:10	

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Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-12**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-012	Date Collected:	06.17.2020 10:51		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 16:45	Basis:	Wet Weight
Seq Number:	3129828				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	06.24.2020 04:21	U	1
Toluene	108-88-3	**0.00298**	0.00202	mg/kg	06.24.2020 04:21		1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	06.24.2020 04:21	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	06.24.2020 04:21	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	06.24.2020 04:21	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	06.24.2020 04:21	U	1
Total BTEX		**0.00298**	0.00202	mg/kg	06.24.2020 04:21		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	94	%	70-130	06.24.2020 04:21	
4-Bromofluorobenzene	460-00-4	126	%	70-130	06.24.2020 04:21	

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Sonic Pit

Sample Id:	**S-13**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-013	Date Collected:	06.17.2020 10:52		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:10	Basis:	Wet Weight
Seq Number:	3129442				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**25.3**	24.9	mg/kg	06.18.2020 16:57		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 18:31	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 18:31	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 18:31	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 18:31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-130	06.18.2020 18:31	
o-Terphenyl	84-15-1	83	%	70-130	06.18.2020 18:31	

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Sonic Pit

Sample Id:	**S-13**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-013	Date Collected:	06.17.2020 10:52		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 16:45	Basis:	Wet Weight
Seq Number:	3129828				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.24.2020 04:41	U	1
Toluene	108-88-3	**0.00366**	0.00199	mg/kg	06.24.2020 04:41		1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.24.2020 04:41	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.24.2020 04:41	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.24.2020 04:41	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.24.2020 04:41	U	1
Total BTEX		**0.00366**	0.00199	mg/kg	06.24.2020 04:41		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	06.24.2020 04:41	
4-Bromofluorobenzene	460-00-4	127	%	70-130	06.24.2020 04:41	

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Sonic Pit

Sample Id:	**S-14**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-014	Date Collected:	06.17.2020 10:53		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**41.8**	24.9	mg/kg	06.18.2020 16:03		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	06.18.2020 18:53	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	06.18.2020 18:53	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	06.18.2020 18:53	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	06.18.2020 18:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	82	%	70-130	06.18.2020 18:53	
o-Terphenyl	84-15-1	86	%	70-130	06.18.2020 18:53	

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Sonic Pit

Sample Id:	**S-14**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-014	Date Collected:	06.17.2020 10:53		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 16:45	Basis:	Wet Weight
Seq Number:	3129828				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.24.2020 05:02	U	1
Toluene	108-88-3	**0.00251**	0.00199	mg/kg	06.24.2020 05:02		1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.24.2020 05:02	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.24.2020 05:02	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.24.2020 05:02	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.24.2020 05:02	U	1
Total BTEX		**0.00251**	0.00199	mg/kg	06.24.2020 05:02		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	125	%	70-130	06.24.2020 05:02	
1,4-Difluorobenzene	540-36-3	96	%	70-130	06.24.2020 05:02	

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Sonic Pit

Sample Id:	**S-15**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-015	Date Collected:	06.17.2020 10:54		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**11.2**	4.95	mg/kg	06.18.2020 15:48		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 19:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 19:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 19:14	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 19:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	76	%	70-130	06.18.2020 19:14	
o-Terphenyl	84-15-1	82	%	70-130	06.18.2020 19:14	

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Sonic Pit

Sample Id:	**S-15**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-015	Date Collected:	06.17.2020 10:54		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 16:45	Basis:	Wet Weight
Seq Number:	3129828				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	06.24.2020 05:22	U	1
Toluene	108-88-3	**0.00217**	0.00202	mg/kg	06.24.2020 05:22		1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	06.24.2020 05:22	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	06.24.2020 05:22	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	06.24.2020 05:22	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	06.24.2020 05:22	U	1
Total BTEX		**0.00217**	0.00202	mg/kg	06.24.2020 05:22		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	108	%	70-130	06.24.2020 05:22	
1,4-Difluorobenzene	540-36-3	102	%	70-130	06.24.2020 05:22	

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Sonic Pit

Sample Id:	**S-16**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-016	Date Collected:	06.17.2020 10:55		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**42.6**	25.1	mg/kg	06.18.2020 16:08		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.18.2020 19:35	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.18.2020 19:35	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.18.2020 19:35	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.18.2020 19:35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	82	%	70-130	06.18.2020 19:35	
o-Terphenyl	84-15-1	85	%	70-130	06.18.2020 19:35	

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Sonic Pit

Sample Id:	**S-16**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-016	Date Collected:	06.17.2020 10:55		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.23.2020 16:45	Basis:	Wet Weight
Seq Number:	3129828				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	06.24.2020 09:31	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	06.24.2020 09:31	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	06.24.2020 09:31	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	06.24.2020 09:31	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	06.24.2020 09:31	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	06.24.2020 09:31	U	1
Total BTEX		<0.00201	0.00201	mg/kg	06.24.2020 09:31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	100	%	70-130	06.24.2020 09:31	
1,4-Difluorobenzene	540-36-3	100	%	70-130	06.24.2020 09:31	

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Sonic Pit

Sample Id:	**S-17**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-017	Date Collected:	06.17.2020 10:56		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**28.8**	25.0	mg/kg	06.18.2020 16:13		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.18.2020 19:57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.18.2020 19:57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.18.2020 19:57	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.18.2020 19:57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	76	%	70-130	06.18.2020 19:57	
o-Terphenyl	84-15-1	81	%	70-130	06.18.2020 19:57	

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Sonic Pit

Sample Id:	**S-17**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-017	Date Collected:	06.17.2020 10:56		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.26.2020 16:00	Basis:	Wet Weight
Seq Number:	3130212				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.28.2020 01:14	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	06.28.2020 01:14	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.28.2020 01:14	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	06.28.2020 01:14	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.28.2020 01:14	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.28.2020 01:14	U	1
Total BTEX		<0.00198	0.00198	mg/kg	06.28.2020 01:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	06.28.2020 01:14	
1,4-Difluorobenzene	540-36-3	102	%	70-130	06.28.2020 01:14	

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Sonic Pit

Sample Id:	**S-18**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-018	Date Collected:	06.17.2020 10:57		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**26.1**	5.02	mg/kg	06.19.2020 09:43		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 20:18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 20:18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 20:18	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 20:18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-130	06.18.2020 20:18	
o-Terphenyl	84-15-1	84	%	70-130	06.18.2020 20:18	

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Sonic Pit

Sample Id:	**S-18**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-018	Date Collected:	06.17.2020 10:57		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.26.2020 16:00	Basis:	Wet Weight
Seq Number:	3130212				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.28.2020 01:34	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	06.28.2020 01:34	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.28.2020 01:34	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.28.2020 01:34	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.28.2020 01:34	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.28.2020 01:34	U	1
Total BTEX		<0.00199	0.00199	mg/kg	06.28.2020 01:34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	06.28.2020 01:34	
4-Bromofluorobenzene	460-00-4	102	%	70-130	06.28.2020 01:34	

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Sonic Pit

Sample Id:	**S-19**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-019	Date Collected:	06.17.2020 10:58		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**49.5**	4.99	mg/kg	06.19.2020 09:48		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 20:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 20:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 20:39	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 20:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	82	%	70-130	06.18.2020 20:39	
o-Terphenyl	84-15-1	85	%	70-130	06.18.2020 20:39	

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Sonic Pit

Sample Id:	**S-19**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-019	Date Collected:	06.17.2020 10:58		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.26.2020 16:00	Basis:	Wet Weight
Seq Number:	3130212				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.28.2020 01:55	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	06.28.2020 01:55	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.28.2020 01:55	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	06.28.2020 01:55	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.28.2020 01:55	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.28.2020 01:55	U	1
Total BTEX		<0.00198	0.00198	mg/kg	06.28.2020 01:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	06.28.2020 01:55	
4-Bromofluorobenzene	460-00-4	103	%	70-130	06.28.2020 01:55	

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Sonic Pit

Sample Id:	**S-20**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-020	Date Collected:	06.17.2020 10:59		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**40.1**	25.0	mg/kg	06.18.2020 16:38		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 11:00	Basis:	Wet Weight
Seq Number:	3129420				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.18.2020 21:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.18.2020 21:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.18.2020 21:00	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.18.2020 21:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-130	06.18.2020 21:00	
o-Terphenyl	84-15-1	79	%	70-130	06.18.2020 21:00	

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Sonic Pit

Sample Id:	**S-20**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-020	Date Collected:	06.17.2020 10:59		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.26.2020 16:00	Basis:	Wet Weight
Seq Number:	3130212				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.28.2020 02:15	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	06.28.2020 02:15	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.28.2020 02:15	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	06.28.2020 02:15	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.28.2020 02:15	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.28.2020 02:15	U	1
Total BTEX		<0.00198	0.00198	mg/kg	06.28.2020 02:15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	06.28.2020 02:15	
4-Bromofluorobenzene	460-00-4	104	%	70-130	06.28.2020 02:15	

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Sonic Pit

Sample Id:	**S-21**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-021	Date Collected:	06.17.2020 11:00		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**7.41**	5.00	mg/kg	06.18.2020 16:43		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 13:07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 13:07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 13:07	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 13:07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-130	06.18.2020 13:07	
o-Terphenyl	84-15-1	86	%	70-130	06.18.2020 13:07	

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Sonic Pit

Sample Id:	**S-21**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-021	Date Collected:	06.17.2020 11:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.26.2020 16:00	Basis:	Wet Weight
Seq Number:	3130212				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.28.2020 02:35	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	06.28.2020 02:35	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.28.2020 02:35	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	06.28.2020 02:35	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.28.2020 02:35	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.28.2020 02:35	U	1
Total BTEX		<0.00200	0.00200	mg/kg	06.28.2020 02:35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	06.28.2020 02:35	
4-Bromofluorobenzene	460-00-4	103	%	70-130	06.28.2020 02:35	

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Sonic Pit

Sample Id:	**S-22**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-022	Date Collected:	06.17.2020 11:01		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**15.1**	5.02	mg/kg	06.18.2020 16:58		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.18.2020 14:12	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.18.2020 14:12	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.18.2020 14:12	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.18.2020 14:12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-130	06.18.2020 14:12	
o-Terphenyl	84-15-1	88	%	70-130	06.18.2020 14:12	

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Sonic Pit

Sample Id:	**S-22**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-022	Date Collected:	06.17.2020 11:01		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.26.2020 16:00	Basis:	Wet Weight
Seq Number:	3130212				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.28.2020 02:56	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	06.28.2020 02:56	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.28.2020 02:56	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.28.2020 02:56	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.28.2020 02:56	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.28.2020 02:56	U	1
Total BTEX		<0.00199	0.00199	mg/kg	06.28.2020 02:56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	103	%	70-130	06.28.2020 02:56	
1,4-Difluorobenzene	540-36-3	101	%	70-130	06.28.2020 02:56	

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Sonic Pit

Sample Id:	**S-23**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-023	Date Collected:	06.17.2020 11:02		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**21.2**	4.99	mg/kg	06.19.2020 09:53		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	06.18.2020 14:33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	06.18.2020 14:33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	06.18.2020 14:33	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	06.18.2020 14:33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-130	06.18.2020 14:33	
o-Terphenyl	84-15-1	89	%	70-130	06.18.2020 14:33	

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Sonic Pit

Sample Id:	**S-23**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-023	Date Collected:	06.17.2020 11:02		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.25.2020 10:13	Basis:	Wet Weight
Seq Number:	3130047				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.25.2020 21:18	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	06.25.2020 21:18	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.25.2020 21:18	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.25.2020 21:18	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.25.2020 21:18	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.25.2020 21:18	U	1
Total BTEX		<0.00199	0.00199	mg/kg	06.25.2020 21:18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	100	%	70-130	06.25.2020 21:18	
4-Bromofluorobenzene	460-00-4	100	%	70-130	06.25.2020 21:18	

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Sonic Pit

Sample Id:	**S-24**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-024	Date Collected:	06.17.2020 11:03		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**32.7**	5.00	mg/kg	06.19.2020 09:58		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 14:55	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 14:55	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 14:55	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 14:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-130	06.18.2020 14:55	
o-Terphenyl	84-15-1	88	%	70-130	06.18.2020 14:55	

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Sonic Pit

Sample Id:	**S-24**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-024	Date Collected:	06.17.2020 11:03		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.25.2020 10:13	Basis:	Wet Weight
Seq Number:	3130047				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.25.2020 21:39	U	1
Toluene	108-88-3	**0.00240**	0.00200	mg/kg	06.25.2020 21:39		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.25.2020 21:39	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	06.25.2020 21:39	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.25.2020 21:39	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.25.2020 21:39	U	1
Total BTEX		**0.00240**	0.00200	mg/kg	06.25.2020 21:39		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	06.25.2020 21:39	
1,4-Difluorobenzene	540-36-3	100	%	70-130	06.25.2020 21:39	

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Sonic Pit

Sample Id:	**S-25**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-025	Date Collected:	06.17.2020 11:04		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**16.2**	4.99	mg/kg	06.18.2020 17:14		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 15:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 15:17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 15:17	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 15:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-130	06.18.2020 15:17	
o-Terphenyl	84-15-1	96	%	70-130	06.18.2020 15:17	

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Sonic Pit

Sample Id:	**S-25**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-025	Date Collected:	06.17.2020 11:04		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.25.2020 10:13	Basis:	Wet Weight
Seq Number:	3130047				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.25.2020 21:59	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	06.25.2020 21:59	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.25.2020 21:59	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.25.2020 21:59	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.25.2020 21:59	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.25.2020 21:59	U	1
Total BTEX		<0.00199	0.00199	mg/kg	06.25.2020 21:59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	06.25.2020 21:59	
1,4-Difluorobenzene	540-36-3	101	%	70-130	06.25.2020 21:59	

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Sonic Pit

Sample Id:	**S-26**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-026	Date Collected:	06.17.2020 11:05		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**15.3**	4.98	mg/kg	06.18.2020 17:19		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 15:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 15:38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 15:38	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 15:38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-130	06.18.2020 15:38	
o-Terphenyl	84-15-1	83	%	70-130	06.18.2020 15:38	

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Sonic Pit

Sample Id:	**S-26**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-026	Date Collected:	06.17.2020 11:05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.23.2020 13:00	Basis:	Wet Weight
Seq Number:	3129823				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.24.2020 03:55	UX	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	06.24.2020 03:55	UX	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.24.2020 03:55	UX	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.24.2020 03:55	UX	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.24.2020 03:55	UX	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.24.2020 03:55	U	1
Total BTEX		<0.00199	0.00199	mg/kg	06.24.2020 03:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	108	%	70-130	06.24.2020 03:55	
1,4-Difluorobenzene	540-36-3	88	%	70-130	06.24.2020 03:55	

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Sonic Pit

Sample Id:	**S-27**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-027	Date Collected:	06.17.2020 11:06		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**36.4**	4.98	mg/kg	06.18.2020 17:34		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 16:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 16:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 16:00	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 16:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	06.18.2020 16:00	
o-Terphenyl	84-15-1	94	%	70-130	06.18.2020 16:00	

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Sonic Pit

Sample Id:	**S-27**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-027	Date Collected:	06.17.2020 11:06		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.23.2020 13:00	Basis:	Wet Weight
Seq Number:	3129823				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.24.2020 04:16	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	06.24.2020 04:16	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.24.2020 04:16	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.24.2020 04:16	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.24.2020 04:16	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.24.2020 04:16	U	1
Total BTEX		<0.00199	0.00199	mg/kg	06.24.2020 04:16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	112	%	70-130	06.24.2020 04:16	
1,4-Difluorobenzene	540-36-3	85	%	70-130	06.24.2020 04:16	

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Sonic Pit

Sample Id:	**S-28**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-028	Date Collected:	06.17.2020 11:07		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**21.8**	4.98	mg/kg	06.18.2020 17:39		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.18.2020 16:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.18.2020 16:21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.18.2020 16:21	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.18.2020 16:21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-130	06.18.2020 16:21	
o-Terphenyl	84-15-1	94	%	70-130	06.18.2020 16:21	

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Sonic Pit

Sample Id:	**S-28**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-028	Date Collected:	06.17.2020 11:07		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.23.2020 13:00	Basis:	Wet Weight
Seq Number:	3129823				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.24.2020 04:36	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	06.24.2020 04:36	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.24.2020 04:36	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	06.24.2020 04:36	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.24.2020 04:36	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.24.2020 04:36	U	1
Total BTEX		<0.00198	0.00198	mg/kg	06.24.2020 04:36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	87	%	70-130	06.24.2020 04:36	
4-Bromofluorobenzene	460-00-4	119	%	70-130	06.24.2020 04:36	

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Sample Id:	**S-29**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-029	Date Collected:	06.17.2020 11:09		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**17.7**	4.97	mg/kg	06.18.2020 17:44		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 16:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 16:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 16:43	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 16:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-130	06.18.2020 16:43	
o-Terphenyl	84-15-1	97	%	70-130	06.18.2020 16:43	

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Sonic Pit

Sample Id:	**S-29**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-029	Date Collected:	06.17.2020 11:09		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.23.2020 13:00	Basis:	Wet Weight
Seq Number:	3129823				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.24.2020 04:56	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	06.24.2020 04:56	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.24.2020 04:56	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	06.24.2020 04:56	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.24.2020 04:56	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.24.2020 04:56	U	1
Total BTEX		<0.00198	0.00198	mg/kg	06.24.2020 04:56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	86	%	70-130	06.24.2020 04:56	
4-Bromofluorobenzene	460-00-4	119	%	70-130	06.24.2020 04:56	

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Sample Id:	**S-30**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-030	Date Collected:	06.17.2020 11:10		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**28.8**	25.1	mg/kg	06.18.2020 17:49		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	06.18.2020 17:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	06.18.2020 17:05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	06.18.2020 17:05	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	06.18.2020 17:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-130	06.18.2020 17:05	
o-Terphenyl	84-15-1	83	%	70-130	06.18.2020 17:05	

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Sample Id:	**S-30**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-030	Date Collected:	06.17.2020 11:10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.23.2020 13:00	Basis:	Wet Weight
Seq Number:	3129823				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.24.2020 05:16	U	1
Toluene	108-88-3	**0.00280**	0.00200	mg/kg	06.24.2020 05:16		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.24.2020 05:16	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	06.24.2020 05:16	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.24.2020 05:16	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.24.2020 05:16	U	1
Total BTEX		**0.00280**	0.00200	mg/kg	06.24.2020 05:16		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	83	%	70-130	06.24.2020 05:16	
4-Bromofluorobenzene	460-00-4	104	%	70-130	06.24.2020 05:16	

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Sample Id:	**S-31**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-031	Date Collected:	06.17.2020 11:11		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**148**	25.1	mg/kg	06.18.2020 17:54		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 17:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 17:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 17:48	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 17:48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	112	%	70-130	06.18.2020 17:48	
o-Terphenyl	84-15-1	120	%	70-130	06.18.2020 17:48	

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Sonic Pit

Sample Id:	**S-31**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-031	Date Collected:	06.17.2020 11:11		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.24.2020 16:30	Basis:	Wet Weight
Seq Number:	3129895				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.25.2020 04:13	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	06.25.2020 04:13	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.25.2020 04:13	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.25.2020 04:13	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.25.2020 04:13	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.25.2020 04:13	U	1
Total BTEX		<0.00199	0.00199	mg/kg	06.25.2020 04:13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	06.25.2020 04:13	
1,4-Difluorobenzene	540-36-3	102	%	70-130	06.25.2020 04:13	

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Sonic Pit

Sample Id:	**S-32**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-032	Date Collected:	06.17.2020 11:12		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**308**	25.0	mg/kg	06.18.2020 17:59		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.18.2020 18:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.18.2020 18:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.18.2020 18:10	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.18.2020 18:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-130	06.18.2020 18:10	
o-Terphenyl	84-15-1	124	%	70-130	06.18.2020 18:10	

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Sonic Pit

Sample Id:	**S-32**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-032	Date Collected:	06.17.2020 11:12		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.23.2020 13:00	Basis:	Wet Weight
Seq Number:	3129823				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.24.2020 05:57	U	1
Toluene	108-88-3	**0.00259**	0.00199	mg/kg	06.24.2020 05:57		1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.24.2020 05:57	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.24.2020 05:57	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.24.2020 05:57	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.24.2020 05:57	U	1
Total BTEX		**0.00259**	0.00199	mg/kg	06.24.2020 05:57		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	86	%	70-130	06.24.2020 05:57	
4-Bromofluorobenzene	460-00-4	124	%	70-130	06.24.2020 05:57	

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Sample Id:	**S-33**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-033	Date Collected:	06.17.2020 11:13		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 13:40	Basis:	Wet Weight
Seq Number:	3129429				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8.64**	5.04	mg/kg	06.18.2020 18:04		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	06.18.2020 18:31	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	06.18.2020 18:31	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	06.18.2020 18:31	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	06.18.2020 18:31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-130	06.18.2020 18:31	
o-Terphenyl	84-15-1	94	%	70-130	06.18.2020 18:31	

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Sample Id:	**S-33**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-033	Date Collected:	06.17.2020 11:13		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.23.2020 13:00	Basis:	Wet Weight
Seq Number:	3129823				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.24.2020 06:17	U	1
Toluene	108-88-3	**0.00288**	0.00199	mg/kg	06.24.2020 06:17		1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.24.2020 06:17	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.24.2020 06:17	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.24.2020 06:17	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.24.2020 06:17	U	1
Total BTEX		**0.00288**	0.00199	mg/kg	06.24.2020 06:17		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	90	%	70-130	06.24.2020 06:17	
4-Bromofluorobenzene	460-00-4	127	%	70-130	06.24.2020 06:17	

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Sonic Pit

Sample Id:	**S-34**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-034	Date Collected:	06.17.2020 11:14		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 14:15	Basis:	Wet Weight
Seq Number:	3129434				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**258**	25.1	mg/kg	06.18.2020 18:50		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 18:53	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 18:53	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 18:53	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 18:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	06.18.2020 18:53	
o-Terphenyl	84-15-1	97	%	70-130	06.18.2020 18:53	

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Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-34**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-034	Date Collected:	06.17.2020 11:14		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.23.2020 13:00	Basis:	Wet Weight
Seq Number:	3129823				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.24.2020 06:37	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	06.24.2020 06:37	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.24.2020 06:37	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	06.24.2020 06:37	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.24.2020 06:37	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.24.2020 06:37	U	1
Total BTEX		<0.00200	0.00200	mg/kg	06.24.2020 06:37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	139	%	70-130	06.24.2020 06:37	**
1,4-Difluorobenzene	540-36-3	89	%	70-130	06.24.2020 06:37	

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Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-35**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-035	Date Collected:	06.17.2020 11:15		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 14:15	Basis:	Wet Weight
Seq Number:	3129434				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**18.1**	4.96	mg/kg	06.18.2020 18:35		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 19:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 19:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 19:14	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 19:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-130	06.18.2020 19:14	
o-Terphenyl	84-15-1	93	%	70-130	06.18.2020 19:14	

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Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-35**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-035	Date Collected:	06.17.2020 11:15		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.23.2020 13:00	Basis:	Wet Weight
Seq Number:	3129823				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.24.2020 06:58	U	1
Toluene	108-88-3	**0.00287**	0.00199	mg/kg	06.24.2020 06:58		1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.24.2020 06:58	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.24.2020 06:58	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.24.2020 06:58	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.24.2020 06:58	U	1
Total BTEX		**0.00287**	0.00199	mg/kg	06.24.2020 06:58		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	86	%	70-130	06.24.2020 06:58	
4-Bromofluorobenzene	460-00-4	133	%	70-130	06.24.2020 06:58	**

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Sonic Pit

Sample Id:	**S-36**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-036	Date Collected:	06.17.2020 11:16		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 14:15	Basis:	Wet Weight
Seq Number:	3129434				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**10.1**	4.98	mg/kg	06.18.2020 18:55		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.18.2020 19:35	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.18.2020 19:35	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.18.2020 19:35	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.18.2020 19:35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	06.18.2020 19:35	
o-Terphenyl	84-15-1	97	%	70-130	06.18.2020 19:35	

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Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-36**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-036	Date Collected:	06.17.2020 11:16		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.23.2020 13:00	Basis:	Wet Weight
Seq Number:	3129823				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.24.2020 08:19	U	1
Toluene	108-88-3	**0.00322**	0.00198	mg/kg	06.24.2020 08:19		1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.24.2020 08:19	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	06.24.2020 08:19	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.24.2020 08:19	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.24.2020 08:19	U	1
Total BTEX		**0.00322**	0.00198	mg/kg	06.24.2020 08:19		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	94	%	70-130	06.24.2020 08:19	
4-Bromofluorobenzene	460-00-4	133	%	70-130	06.24.2020 08:19	**

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Sonic Pit

Sample Id:	**S-37**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-037	Date Collected:	06.17.2020 11:17		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 14:15	Basis:	Wet Weight
Seq Number:	3129434				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8.70**	5.00	mg/kg	06.18.2020 19:00		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 19:57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 19:57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 19:57	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 19:57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-130	06.18.2020 19:57	
o-Terphenyl	84-15-1	91	%	70-130	06.18.2020 19:57	

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Sonic Pit

Sample Id:	**S-37**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-037	Date Collected:	06.17.2020 11:17		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.24.2020 16:30	Basis:	Wet Weight
Seq Number:	3129895				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.25.2020 04:33	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	06.25.2020 04:33	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.25.2020 04:33	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.25.2020 04:33	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.25.2020 04:33	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.25.2020 04:33	U	1
Total BTEX		<0.00199	0.00199	mg/kg	06.25.2020 04:33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	06.25.2020 04:33	
4-Bromofluorobenzene	460-00-4	101	%	70-130	06.25.2020 04:33	

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Sonic Pit

Sample Id:	**S-38**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-038	Date Collected:	06.17.2020 11:18		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 14:15	Basis:	Wet Weight
Seq Number:	3129434				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8.12**	5.05	mg/kg	06.18.2020 19:05		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.18.2020 20:18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.18.2020 20:18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.18.2020 20:18	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.18.2020 20:18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-130	06.18.2020 20:18	
o-Terphenyl	84-15-1	89	%	70-130	06.18.2020 20:18	

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Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-38**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-038	Date Collected:	06.17.2020 11:18		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.24.2020 16:30	Basis:	Wet Weight
Seq Number:	3129895				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.25.2020 04:54	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	06.25.2020 04:54	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.25.2020 04:54	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	06.25.2020 04:54	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.25.2020 04:54	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.25.2020 04:54	U	1
Total BTEX		<0.00198	0.00198	mg/kg	06.25.2020 04:54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	06.25.2020 04:54	
4-Bromofluorobenzene	460-00-4	100	%	70-130	06.25.2020 04:54	

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Sonic Pit

Sample Id:	**S-39**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-039	Date Collected:	06.17.2020 11:19		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 14:15	Basis:	Wet Weight
Seq Number:	3129434				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**6.96**	4.98	mg/kg	06.18.2020 19:20		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 20:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 20:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 20:39	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 20:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	82	%	70-130	06.18.2020 20:39	
o-Terphenyl	84-15-1	86	%	70-130	06.18.2020 20:39	

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Sonic Pit

Sample Id:	**S-39**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-039	Date Collected:	06.17.2020 11:19		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.23.2020 13:00	Basis:	Wet Weight
Seq Number:	3129823				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.24.2020 09:20	U	1
Toluene	108-88-3	**0.00411**	0.00200	mg/kg	06.24.2020 09:20		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.24.2020 09:20	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	06.24.2020 09:20	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.24.2020 09:20	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.24.2020 09:20	U	1
Total BTEX		**0.00411**	0.00200	mg/kg	06.24.2020 09:20		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	86	%	70-130	06.24.2020 09:20	
4-Bromofluorobenzene	460-00-4	125	%	70-130	06.24.2020 09:20	

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Sonic Pit

Sample Id:	**S-40**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-040	Date Collected:	06.17.2020 11:20		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 14:15	Basis:	Wet Weight
Seq Number:	3129434				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**7.22**	4.95	mg/kg	06.18.2020 19:25		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 09:10	Basis:	Wet Weight
Seq Number:	3129422				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.18.2020 21:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.18.2020 21:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.18.2020 21:00	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.18.2020 21:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	81	%	70-130	06.18.2020 21:00	
o-Terphenyl	84-15-1	85	%	70-130	06.18.2020 21:00	

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Sonic Pit

Sample Id:	**S-40**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-040	Date Collected:	06.17.2020 11:20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.24.2020 16:30	Basis:	Wet Weight
Seq Number:	3129895				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.25.2020 05:14	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	06.25.2020 05:14	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.25.2020 05:14	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	06.25.2020 05:14	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.25.2020 05:14	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.25.2020 05:14	U	1
Total BTEX		<0.00198	0.00198	mg/kg	06.25.2020 05:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	100	%	70-130	06.25.2020 05:14	
4-Bromofluorobenzene	460-00-4	100	%	70-130	06.25.2020 05:14	

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Sonic Pit

Sample Id: **S-41** Matrix: Soil Date Received:06.18.2020 08:40

Lab Sample Id: 664765-041 Date Collected: 06.17.2020 11:21

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: SPC % Moisture:

Analyst: CHE Date Prep: 06.18.2020 14:15 Basis: Wet Weight

Seq Number: 3129434

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8.88**	5.02	mg/kg	06.18.2020 19:30		1

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 06.18.2020 14:00 Basis: Wet Weight

Seq Number: 3129424

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.18.2020 22:46	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.18.2020 22:46	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.18.2020 22:46	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.18.2020 22:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	06.18.2020 22:46	
o-Terphenyl	84-15-1	96	%	70-130	06.18.2020 22:46	

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Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-41**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-041	Date Collected:	06.17.2020 11:21		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.25.2020 10:13	Basis:	Wet Weight
Seq Number:	3130047				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	06.25.2020 22:20	U	1
Toluene	108-88-3	**0.00398**	0.00202	mg/kg	06.25.2020 22:20		1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	06.25.2020 22:20	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	06.25.2020 22:20	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	06.25.2020 22:20	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	06.25.2020 22:20	U	1
Total BTEX		**0.00398**	0.00202	mg/kg	06.25.2020 22:20		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	06.25.2020 22:20	
4-Bromofluorobenzene	460-00-4	105	%	70-130	06.25.2020 22:20	

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Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-42**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-042	Date Collected:	06.17.2020 11:22		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 14:15	Basis:	Wet Weight
Seq Number:	3129434				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8.09**	4.95	mg/kg	06.18.2020 19:35		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 14:00	Basis:	Wet Weight
Seq Number:	3129424				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.18.2020 23:50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.18.2020 23:50	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.18.2020 23:50	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.18.2020 23:50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-130	06.18.2020 23:50	
o-Terphenyl	84-15-1	88	%	70-130	06.18.2020 23:50	

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Larson and Associates, Inc., Midland, TX

Sonic Pit

Sample Id:	**S-42**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-042	Date Collected:	06.17.2020 11:22		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.25.2020 10:13	Basis:	Wet Weight
Seq Number:	3130047				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	06.25.2020 22:40	U	1
Toluene	108-88-3	**0.00221**	0.00201	mg/kg	06.25.2020 22:40		1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	06.25.2020 22:40	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	06.25.2020 22:40	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	06.25.2020 22:40	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	06.25.2020 22:40	U	1
Total BTEX		**0.00221**	0.00201	mg/kg	06.25.2020 22:40		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	103	%	70-130	06.25.2020 22:40	
1,4-Difluorobenzene	540-36-3	101	%	70-130	06.25.2020 22:40	

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Sonic Pit

Sample Id:	**S-43**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-043	Date Collected:	06.17.2020 11:23		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 14:15	Basis:	Wet Weight
Seq Number:	3129434				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**6.57**	4.99	mg/kg	06.18.2020 19:41		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 14:00	Basis:	Wet Weight
Seq Number:	3129424				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.19.2020 00:11	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.19.2020 00:11	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.19.2020 00:11	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.19.2020 00:11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	81	%	70-130	06.19.2020 00:11	
o-Terphenyl	84-15-1	85	%	70-130	06.19.2020 00:11	

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Sonic Pit

Sample Id:	**S-43**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-043	Date Collected:	06.17.2020 11:23		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.25.2020 10:13	Basis:	Wet Weight
Seq Number:	3130047				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	06.25.2020 23:00	U	1
Toluene	108-88-3	**0.00302**	0.00201	mg/kg	06.25.2020 23:00		1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	06.25.2020 23:00	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	06.25.2020 23:00	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	06.25.2020 23:00	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	06.25.2020 23:00	U	1
Total BTEX		**0.00302**	0.00201	mg/kg	06.25.2020 23:00		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	100	%	70-130	06.25.2020 23:00	
4-Bromofluorobenzene	460-00-4	106	%	70-130	06.25.2020 23:00	

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Sonic Pit

Sample Id:	**S-44**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-044	Date Collected:	06.17.2020 11:24		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 14:15	Basis:	Wet Weight
Seq Number:	3129434				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**6.59**	5.04	mg/kg	06.18.2020 19:46		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 14:00	Basis:	Wet Weight
Seq Number:	3129424				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.19.2020 00:32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.19.2020 00:32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.19.2020 00:32	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.19.2020 00:32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-130	06.19.2020 00:32	
o-Terphenyl	84-15-1	85	%	70-130	06.19.2020 00:32	

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Sonic Pit

Sample Id:	**S-44**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-044	Date Collected:	06.17.2020 11:24		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.25.2020 10:13	Basis:	Wet Weight
Seq Number:	3130047				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.25.2020 23:21	U	1
Toluene	108-88-3	**0.00234**	0.00199	mg/kg	06.25.2020 23:21		1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.25.2020 23:21	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.25.2020 23:21	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.25.2020 23:21	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.25.2020 23:21	U	1
Total BTEX		**0.00234**	0.00199	mg/kg	06.25.2020 23:21		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	06.25.2020 23:21	
4-Bromofluorobenzene	460-00-4	109	%	70-130	06.25.2020 23:21	

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Sonic Pit

Sample Id:	**S-45**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-045	Date Collected:	06.17.2020 11:25		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 14:15	Basis:	Wet Weight
Seq Number:	3129434				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**7.61**	4.98	mg/kg	06.18.2020 20:01		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 14:00	Basis:	Wet Weight
Seq Number:	3129424				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.19.2020 00:53	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.19.2020 00:53	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.19.2020 00:53	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.19.2020 00:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-130	06.19.2020 00:53	
o-Terphenyl	84-15-1	90	%	70-130	06.19.2020 00:53	

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Sonic Pit

Sample Id:	**S-45**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-045	Date Collected:	06.17.2020 11:25		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.25.2020 10:13	Basis:	Wet Weight
Seq Number:	3130047				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.25.2020 23:41	U	1
Toluene	108-88-3	**0.00858**	0.00200	mg/kg	06.25.2020 23:41		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.25.2020 23:41	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	06.25.2020 23:41	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.25.2020 23:41	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.25.2020 23:41	U	1
Total BTEX		**0.00858**	0.00200	mg/kg	06.25.2020 23:41		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	06.25.2020 23:41	
1,4-Difluorobenzene	540-36-3	102	%	70-130	06.25.2020 23:41	

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Sonic Pit

Sample Id:	**S-46**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-046	Date Collected:	06.17.2020 00:00		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 14:15	Basis:	Wet Weight
Seq Number:	3129434				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**7.50**	5.01	mg/kg	06.18.2020 20:06		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 14:00	Basis:	Wet Weight
Seq Number:	3129424				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.19.2020 01:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.19.2020 01:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.19.2020 01:14	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.19.2020 01:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-130	06.19.2020 01:14	
o-Terphenyl	84-15-1	84	%	70-130	06.19.2020 01:14	

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Sonic Pit

Sample Id:	**S-46**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-046	Date Collected:	06.17.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.25.2020 10:13	Basis:	Wet Weight
Seq Number:	3130047				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.26.2020 00:02	U	1
Toluene	108-88-3	**0.00253**	0.00198	mg/kg	06.26.2020 00:02		1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.26.2020 00:02	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	06.26.2020 00:02	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.26.2020 00:02	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.26.2020 00:02	U	1
Total BTEX		**0.00253**	0.00198	mg/kg	06.26.2020 00:02		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	06.26.2020 00:02	
1,4-Difluorobenzene	540-36-3	99	%	70-130	06.26.2020 00:02	

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Sonic Pit

Sample Id: **S-47** Matrix: Soil Date Received:06.18.2020 08:40
Lab Sample Id: 664765-047 Date Collected: 06.17.2020 00:00

Analytical Method: Chloride by EPA 300 Prep Method: E300P
Tech: SPC % Moisture:
Analyst: CHE Date Prep: 06.18.2020 14:15 Basis: Wet Weight
Seq Number: 3129434

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**6.49**	4.96	mg/kg	06.18.2020 20:21		1

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM % Moisture:
Analyst: ARM Date Prep: 06.18.2020 14:00 Basis: Wet Weight
Seq Number: 3129424

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.19.2020 01:35	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.19.2020 01:35	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.19.2020 01:35	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.19.2020 01:35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-130	06.19.2020 01:35	
o-Terphenyl	84-15-1	88	%	70-130	06.19.2020 01:35	

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Sonic Pit

Sample Id:	**S-47**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-047	Date Collected:	06.17.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.25.2020 10:13	Basis:	Wet Weight
Seq Number:	3130047				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.26.2020 00:22	U	1
Toluene	108-88-3	**0.00509**	0.00198	mg/kg	06.26.2020 00:22		1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.26.2020 00:22	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	06.26.2020 00:22	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.26.2020 00:22	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.26.2020 00:22	U	1
Total BTEX		**0.00509**	0.00198	mg/kg	06.26.2020 00:22		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	06.26.2020 00:22	
1,4-Difluorobenzene	540-36-3	100	%	70-130	06.26.2020 00:22	

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Sonic Pit

Sample Id:	**S-48**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-048	Date Collected:	06.17.2020 00:00		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	SPC			% Moisture:	
Analyst:	CHE	Date Prep:	06.18.2020 14:15	Basis:	Wet Weight
Seq Number:	3129434				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**7.17**	4.95	mg/kg	06.18.2020 20:26		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.18.2020 14:00	Basis:	Wet Weight
Seq Number:	3129424				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	06.19.2020 01:56	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	06.19.2020 01:56	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	06.19.2020 01:56	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	06.19.2020 01:56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	81	%	70-130	06.19.2020 01:56	
o-Terphenyl	84-15-1	86	%	70-130	06.19.2020 01:56	

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Sonic Pit

Sample Id:	**S-48**	Matrix:	Soil	Date Received:	06.18.2020 08:40
Lab Sample Id:	664765-048	Date Collected:	06.17.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.25.2020 10:13	Basis:	Wet Weight
Seq Number:	3130047				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.25.2020 16:51	U	1
Toluene	108-88-3	**0.00225**	0.00200	mg/kg	06.25.2020 16:51		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.25.2020 16:51	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	06.25.2020 16:51	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.25.2020 16:51	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.25.2020 16:51	U	1
Total BTEX		**0.00225**	0.00200	mg/kg	06.25.2020 16:51		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	06.25.2020 16:51	
1,4-Difluorobenzene	540-36-3	103	%	70-130	06.25.2020 16:51	

Flagging Criteria

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

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

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

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

F RPD exceeded lab control limits.

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

U Analyte was not detected.

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

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

K Sample analyzed outside of recommended hold time.

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

** Surrogate recovered outside laboratory control limit.

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

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

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

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

+ NELAC certification not offered for this compound.

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

QC Summary 664765

Larson and Associates, Inc.

Sonic Pit

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129442 — Matrix: Solid — Date Prep: 06.18.2020
MB Sample Id: 7705702-1-BLK — LCS Sample Id: 7705702-1-BKS — LCSD Sample Id: 7705702-1-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	251	100	251	100	90-110	0	20	mg/kg	06.18.2020 13:53	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129429 — Matrix: Solid — Date Prep: 06.18.2020
MB Sample Id: 7705703-1-BLK — LCS Sample Id: 7705703-1-BKS — LCSD Sample Id: 7705703-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	240	96	235	94	90-110	2	20	mg/kg	06.18.2020 15:37	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129434 — Matrix: Solid — Date Prep: 06.18.2020
MB Sample Id: 7705704-1-BLK — LCS Sample Id: 7705704-1-BKS — LCSD Sample Id: 7705704-1-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	236	94	237	95	90-110	0	20	mg/kg	06.18.2020 18:25	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129543 — Matrix: Solid — Date Prep: 06.19.2020
MB Sample Id: 7705852-1-BLK — LCS Sample Id: 7705852-1-BKS — LCSD Sample Id: 7705852-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	246	98	230	92	90-110	7	20	mg/kg	06.19.2020 17:32	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129442 — Matrix: Soil — Date Prep: 06.18.2020
Parent Sample Id: 664760-011 — MS Sample Id: 664760-011 S — MSD Sample Id: 664760-011 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	40.1	248	296	103	296	103	90-110	0	20	mg/kg	06.18.2020 14:12	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129442 — Matrix: Soil — Date Prep: 06.18.2020
Parent Sample Id: 664765-004 — MS Sample Id: 664765-004 S — MSD Sample Id: 664765-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	41.8	1260	1310	101	1310	101	90-110	0	20	mg/kg	06.18.2020 15:41	

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

QC Summary 664765

Larson and Associates, Inc.

Sonic Pit

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129429 — Matrix: Soil — Date Prep: 06.18.2020
Parent Sample Id: 664765-015 — MS Sample Id: 664765-015 S — MSD Sample Id: 664765-015 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	11.2	248	248	95	249	96	90-110	0	20	mg/kg	06.18.2020 15:53	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129429 — Matrix: Soil — Date Prep: 06.18.2020
Parent Sample Id: 664765-022 — MS Sample Id: 664765-022 S — MSD Sample Id: 664765-022 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	15.1	251	278	105	268	101	90-110	4	20	mg/kg	06.18.2020 17:04	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129434 — Matrix: Soil — Date Prep: 06.18.2020
Parent Sample Id: 664765-035 — MS Sample Id: 664765-035 S — MSD Sample Id: 664765-035 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	18.1	248	259	97	267	100	90-110	3	20	mg/kg	06.18.2020 18:40	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129434 — Matrix: Soil — Date Prep: 06.18.2020
Parent Sample Id: 664765-044 — MS Sample Id: 664765-044 S — MSD Sample Id: 664765-044 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	6.59	252	246	95	248	96	90-110	1	20	mg/kg	06.18.2020 19:51	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129543 — Matrix: Soil — Date Prep: 06.19.2020
Parent Sample Id: 664790-002 — MS Sample Id: 664790-002 S — MSD Sample Id: 664790-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	32.9	251	275	96	297	105	90-110	8	20	mg/kg	06.19.2020 17:47	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129543 — Matrix: Soil — Date Prep: 06.19.2020
Parent Sample Id: 664790-012 — MS Sample Id: 664790-012 S — MSD Sample Id: 664790-012 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	126	253	363	94	361	93	90-110	1	20	mg/kg	06.19.2020 18:58	

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

QC Summary 664765

Larson and Associates, Inc.

Sonic Pit

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3129422 — Matrix: Solid — Date Prep: 06.18.2020
MB Sample Id: 7705766-1-BLK — LCS Sample Id: 7705766-1-BKS — LCSD Sample Id: 7705766-1-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	810	81	822	82	70-130	1	20	mg/kg	06.18.2020 12:24	
Diesel Range Organics (DRO)	<50.0	1000	815	82	820	82	70-130	1	20	mg/kg	06.18.2020 12:24	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	85		95		81		70-130	%	06.18.2020 12:24
o-Terphenyl	92		94		91		70-130	%	06.18.2020 12:24

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3129420 — Matrix: Solid — Date Prep: 06.18.2020
MB Sample Id: 7705764-1-BLK — LCS Sample Id: 7705764-1-BKS — LCSD Sample Id: 7705764-1-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	858	86	855	86	70-130	0	20	mg/kg	06.18.2020 12:24	
Diesel Range Organics (DRO)	<50.0	1000	867	87	869	87	70-130	0	20	mg/kg	06.18.2020 12:24	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	86		87		87		70-130	%	06.18.2020 12:24
o-Terphenyl	93		93		94		70-130	%	06.18.2020 12:24

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3129424 — Matrix: Solid — Date Prep: 06.18.2020
MB Sample Id: 7705767-1-BLK — LCS Sample Id: 7705767-1-BKS — LCSD Sample Id: 7705767-1-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	850	85	849	85	70-130	0	20	mg/kg	06.18.2020 22:04	
Diesel Range Organics (DRO)	<50.0	1000	880	88	877	88	70-130	0	20	mg/kg	06.18.2020 22:04	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	91		88		89		70-130	%	06.18.2020 22:04
o-Terphenyl	97		99		100		70-130	%	06.18.2020 22:04

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3129422 — Matrix: Solid — Date Prep: 06.18.2020
MB Sample Id: 7705766-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	06.18.2020 12:02	

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

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

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

QC Summary 664765

Larson and Associates, Inc.

Sonic Pit

Analytical Method: TPH by SW8015 Mod
Seq Number: 3129420
Matrix: Solid
MB Sample Id: 7705764-1-BLK
Prep Method: SW8015P
Date Prep: 06.18.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	06.18.2020 12:02	

Analytical Method: TPH by SW8015 Mod
Seq Number: 3129424
Matrix: Solid
MB Sample Id: 7705767-1-BLK
Prep Method: SW8015P
Date Prep: 06.18.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	06.18.2020 21:43	

Analytical Method: TPH by SW8015 Mod
Seq Number: 3129422
Parent Sample Id: 664765-021
Matrix: Soil
MS Sample Id: 664765-021 S
Prep Method: SW8015P
Date Prep: 06.18.2020
MSD Sample Id: 664765-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	806	81	809	81	70-130	0	20	mg/kg	06.18.2020 13:29	
Diesel Range Organics (DRO)	<49.9	998	845	85	838	84	70-130	1	20	mg/kg	06.18.2020 13:29	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	80		82		70-130	%	06.18.2020 13:29
o-Terphenyl	88		92		70-130	%	06.18.2020 13:29

Analytical Method: TPH by SW8015 Mod
Seq Number: 3129420
Parent Sample Id: 664765-001
Matrix: Soil
MS Sample Id: 664765-001 S
Prep Method: SW8015P
Date Prep: 06.18.2020
MSD Sample Id: 664765-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	820	82	838	84	70-130	2	20	mg/kg	06.18.2020 13:29	
Diesel Range Organics (DRO)	<49.9	997	817	82	832	83	70-130	2	20	mg/kg	06.18.2020 13:29	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	77		77		70-130	%	06.18.2020 13:29
o-Terphenyl	79		80		70-130	%	06.18.2020 13:29

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

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

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

QC Summary 664765

Larson and Associates, Inc.

Sonic Pit

Analytical Method: **TPH by SW8015 Mod** Prep Method: SW8015P
Seq Number: 3129424 Matrix: Soil Date Prep: 06.18.2020
Parent Sample Id: 664765-041 MS Sample Id: 664765-041 S MSD Sample Id: 664765-041 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)	<49.8	996	787	79	893	89	70-130	13	20	mg/kg	06.18.2020 23:07	
Diesel Range Organics (DRO)	<49.8	996	857	86	926	93	70-130	8	20	mg/kg	06.18.2020 23:07	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	82		88		70-130	%	06.18.2020 23:07
o-Terphenyl	92		99		70-130	%	06.18.2020 23:07

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3129775 Matrix: Solid Date Prep: 06.23.2020
MB Sample Id: 7706068-1-BLK LCS Sample Id: 7706068-1-BKS LCSD Sample Id: 7706068-1-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	0.0821	82	0.0859	86	70-130	5	35	mg/kg	06.23.2020 13:12	
Toluene	<0.00200	0.100	0.103	103	0.104	104	70-130	1	35	mg/kg	06.23.2020 13:12	
Ethylbenzene	<0.00200	0.100	0.122	122	0.120	120	70-130	2	35	mg/kg	06.23.2020 13:12	
m,p-Xylenes	<0.00400	0.200	0.244	122	0.239	120	70-130	2	35	mg/kg	06.23.2020 13:12	
o-Xylene	<0.00200	0.100	0.118	118	0.118	118	70-130	0	35	mg/kg	06.23.2020 13:12	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	96		92		96		70-130	%	06.23.2020 13:12
4-Bromofluorobenzene	106		106		105		70-130	%	06.23.2020 13:12

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5035A
Seq Number: 3129823 Matrix: Solid Date Prep: 06.23.2020
MB Sample Id: 7706067-1-BLK LCS Sample Id: 7706067-1-BKS LCSD Sample Id: 7706067-1-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	0.0900	90	0.0914	91	70-130	2	35	mg/kg	06.24.2020 01:35	
Toluene	<0.00200	0.100	0.0853	85	0.0875	88	70-130	3	35	mg/kg	06.24.2020 01:35	
Ethylbenzene	<0.00200	0.100	0.0902	90	0.0916	92	70-130	2	35	mg/kg	06.24.2020 01:35	
m,p-Xylenes	<0.00400	0.200	0.181	91	0.185	93	70-130	2	35	mg/kg	06.24.2020 01:35	
o-Xylene	<0.00200	0.100	0.0916	92	0.0926	93	70-130	1	35	mg/kg	06.24.2020 01:35	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	86		98		97		70-130	%	06.24.2020 01:35
4-Bromofluorobenzene	108		110		113		70-130	%	06.24.2020 01:35

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

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

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

QC Summary 664765

Larson and Associates, Inc.

Sonic Pit

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3129828 — Matrix: Solid — Date Prep: 06.23.2020
MB Sample Id: 7706072-1-BLK — LCS Sample Id: 7706072-1-BKS — LCSD Sample Id: 7706072-1-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	0.0805	81	0.0803	80	70-130	0	35	mg/kg	06.24.2020 00:16	
Toluene	<0.00200	0.100	0.100	100	0.0998	100	70-130	0	35	mg/kg	06.24.2020 00:16	
Ethylbenzene	<0.00200	0.100	0.109	109	0.110	110	70-130	1	35	mg/kg	06.24.2020 00:16	
m,p-Xylenes	<0.00400	0.200	0.217	109	0.216	108	70-130	0	35	mg/kg	06.24.2020 00:16	
o-Xylene	<0.00200	0.100	0.111	111	0.110	110	70-130	1	35	mg/kg	06.24.2020 00:16	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	93		96		95		70-130	%	06.24.2020 00:16
4-Bromofluorobenzene	115		109		109		70-130	%	06.24.2020 00:16

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3129895 — Matrix: Solid — Date Prep: 06.24.2020
MB Sample Id: 7706152-1-BLK — LCS Sample Id: 7706152-1-BKS — LCSD Sample Id: 7706152-1-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	0.0960	96	0.102	102	70-130	6	35	mg/kg	06.25.2020 01:49	
Toluene	<0.00200	0.100	0.0972	97	0.103	103	70-130	6	35	mg/kg	06.25.2020 01:49	
Ethylbenzene	<0.00200	0.100	0.0950	95	0.102	102	70-130	7	35	mg/kg	06.25.2020 01:49	
m,p-Xylenes	<0.00400	0.200	0.190	95	0.204	102	70-130	7	35	mg/kg	06.25.2020 01:49	
o-Xylene	<0.00200	0.100	0.0964	96	0.103	103	70-130	7	35	mg/kg	06.25.2020 01:49	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	101		97		100		70-130	%	06.25.2020 01:49
4-Bromofluorobenzene	101		97		100		70-130	%	06.25.2020 01:49

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3130047 — Matrix: Solid — Date Prep: 06.25.2020
MB Sample Id: 7706238-1-BLK — LCS Sample Id: 7706238-1-BKS — LCSD Sample Id: 7706238-1-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	0.0907	91	0.0949	95	70-130	5	35	mg/kg	06.25.2020 14:47	
Toluene	<0.00200	0.100	0.0821	82	0.0867	87	70-130	5	35	mg/kg	06.25.2020 14:47	
Ethylbenzene	<0.00200	0.100	0.0934	93	0.0990	99	70-130	6	35	mg/kg	06.25.2020 14:47	
m,p-Xylenes	<0.00400	0.200	0.189	95	0.200	100	70-130	6	35	mg/kg	06.25.2020 14:47	
o-Xylene	<0.00200	0.100	0.0944	94	0.100	100	70-130	6	35	mg/kg	06.25.2020 14:47	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	102		98		98		70-130	%	06.25.2020 14:47
4-Bromofluorobenzene	101		96		98		70-130	%	06.25.2020 14:47

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

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

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

QC Summary 664765

Larson and Associates, Inc.

Sonic Pit

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3130212 — Matrix: Solid — Date Prep: 06.26.2020
MB Sample Id: 7706346-1-BLK — LCS Sample Id: 7706346-1-BKS — LCSD Sample Id: 7706346-1-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	0.0847	85	0.0834	83	70-130	2	35	mg/kg	06.27.2020 02:14	
Toluene	<0.00200	0.100	0.0899	90	0.0862	86	70-130	4	35	mg/kg	06.27.2020 02:14	
Ethylbenzene	<0.00200	0.100	0.0917	92	0.0901	90	70-130	2	35	mg/kg	06.27.2020 02:14	
m,p-Xylenes	<0.00400	0.200	0.184	92	0.181	91	70-130	2	35	mg/kg	06.27.2020 02:14	
o-Xylene	<0.00200	0.100	0.0941	94	0.0924	92	70-130	2	35	mg/kg	06.27.2020 02:14	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	101		97		97		70-130	%	06.27.2020 02:14
4-Bromofluorobenzene	98		98		96		70-130	%	06.27.2020 02:14

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3129775 — Matrix: Soil — Date Prep: 06.23.2020
Parent Sample Id: 664762-033 — MS Sample Id: 664762-033 S — MSD Sample Id: 664762-033 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	0.0781	78	0.0842	85	70-130	8	35	mg/kg	06.23.2020 14:23	
Toluene	<0.00200	0.100	0.0999	100	0.101	102	70-130	1	35	mg/kg	06.23.2020 14:23	
Ethylbenzene	<0.00200	0.100	0.117	117	0.114	115	70-130	3	35	mg/kg	06.23.2020 14:23	
m,p-Xylenes	<0.00401	0.200	0.237	119	0.230	116	70-130	3	35	mg/kg	06.23.2020 14:23	
o-Xylene	<0.00200	0.100	0.117	117	0.116	117	70-130	1	35	mg/kg	06.23.2020 14:23	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	93		95		70-130	%	06.23.2020 14:23
4-Bromofluorobenzene	114		110		70-130	%	06.23.2020 14:23

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3129823 — Matrix: Soil — Date Prep: 06.23.2020
Parent Sample Id: 664765-026 — MS Sample Id: 664765-026 S — MSD Sample Id: 664765-026 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	0.0588	59	0.0733	74	70-130	22	35	mg/kg	06.24.2020 02:15	X
Toluene	<0.00200	0.0998	0.0572	57	0.0670	67	70-130	16	35	mg/kg	06.24.2020 02:15	X
Ethylbenzene	<0.00200	0.0998	0.0611	61	0.0645	65	70-130	5	35	mg/kg	06.24.2020 02:15	X
m,p-Xylenes	<0.00399	0.200	0.124	62	0.127	64	70-130	2	35	mg/kg	06.24.2020 02:15	X
o-Xylene	<0.00200	0.0998	0.0630	63	0.0648	65	70-130	3	35	mg/kg	06.24.2020 02:15	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	92		95		70-130	%	06.24.2020 02:15
4-Bromofluorobenzene	111		112		70-130	%	06.24.2020 02:15

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

QC Summary 664765

Larson and Associates, Inc.

Sonic Pit

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3129828 — Matrix: Soil — Date Prep: 06.23.2020
Parent Sample Id: 664765-006 — MS Sample Id: 664765-006 S — MSD Sample Id: 664765-006 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	0.0414	41	0.0242	24	70-130	52	35	mg/kg	06.24.2020 00:57	XF
Toluene	0.00303	0.101	0.0676	64	0.0281	25	70-130	83	35	mg/kg	06.24.2020 00:57	XF
Ethylbenzene	<0.00202	0.101	0.0773	77	0.0290	29	70-130	91	35	mg/kg	06.24.2020 00:57	XF
m,p-Xylenes	<0.00403	0.202	0.162	80	0.0570	29	70-130	96	35	mg/kg	06.24.2020 00:57	XF
o-Xylene	<0.00202	0.101	0.0837	83	0.0319	32	70-130	90	35	mg/kg	06.24.2020 00:57	XF

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	89		106		70-130	%	06.24.2020 00:57
4-Bromofluorobenzene	124		94		70-130	%	06.24.2020 00:57

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3129895 — Matrix: Soil — Date Prep: 06.24.2020
Parent Sample Id: 665196-013 — MS Sample Id: 665196-013 S — MSD Sample Id: 665196-013 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	0.0895	89	0.0928	93	70-130	4	35	mg/kg	06.25.2020 02:30	
Toluene	<0.00202	0.101	0.0914	90	0.0942	94	70-130	3	35	mg/kg	06.25.2020 02:30	
Ethylbenzene	<0.00202	0.101	0.0880	87	0.0913	91	70-130	4	35	mg/kg	06.25.2020 02:30	
m,p-Xylenes	<0.00403	0.202	0.177	88	0.183	91	70-130	3	35	mg/kg	06.25.2020 02:30	
o-Xylene	<0.00202	0.101	0.0890	88	0.0919	92	70-130	3	35	mg/kg	06.25.2020 02:30	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	98		99		70-130	%	06.25.2020 02:30
4-Bromofluorobenzene	100		102		70-130	%	06.25.2020 02:30

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3130047 — Matrix: Soil — Date Prep: 06.25.2020
Parent Sample Id: 664765-048 — MS Sample Id: 664765-048 S — MSD Sample Id: 664765-048 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	0.0959	95	0.0955	96	70-130	0	35	mg/kg	06.25.2020 15:28	
Toluene	0.00225	0.101	0.0943	91	0.0991	97	70-130	5	35	mg/kg	06.25.2020 15:28	
Ethylbenzene	<0.00202	0.101	0.0969	96	0.0970	97	70-130	0	35	mg/kg	06.25.2020 15:28	
m,p-Xylenes	<0.00403	0.202	0.193	96	0.195	98	70-130	1	35	mg/kg	06.25.2020 15:28	
o-Xylene	<0.00202	0.101	0.0968	96	0.0976	98	70-130	1	35	mg/kg	06.25.2020 15:28	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	99		100		70-130	%	06.25.2020 15:28
4-Bromofluorobenzene	99		99		70-130	%	06.25.2020 15:28

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

QC Summary 664765

Larson and Associates, Inc.

Sonic Pit

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

Seq Number: 3130212 Matrix: Soil Date Prep: 06.26.2020

Parent Sample Id: 665196-045 MS Sample Id: 665196-045 S MSD Sample Id: 665196-045 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00201	0.100	0.0121	12	0.0639	64	70-130	136	35	mg/kg	06.27.2020 12:13	XF
Toluene	<0.00201	0.100	0.0118	12	0.0709	71	70-130	143	35	mg/kg	06.27.2020 12:13	XF
Ethylbenzene	<0.00201	0.100	0.0131	13	0.0749	75	70-130	140	35	mg/kg	06.27.2020 12:13	XF
m,p-Xylenes	<0.00402	0.201	0.0264	13	0.151	75	70-130	140	35	mg/kg	06.27.2020 12:13	XF
o-Xylene	<0.00201	0.100	0.0135	14	0.0773	77	70-130	141	35	mg/kg	06.27.2020 12:13	XF

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	102		97		70-130	%	06.27.2020 12:13
4-Bromofluorobenzene	101		99		70-130	%	06.27.2020 12:13

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

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

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

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Nº 1046

CHAIN-OF-CUSTODY

Lab 647165

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 6/17/20 PAGE 1 OF 4

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Sonic Pit

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TT

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
S-1		6/17/20	10 40	S	1				X		X		X	X	X													X	
S-2			10 41																										
S-3			10 42																										
S-4			10 43																										
S-5			10 44																										
S-6			10 45																										
S-7			10 46																										
S-8			10 47																										
S-9			10 48																										
S-10			10 49																										
S-11			10 50																										
S-12			10 51																										
S-13			10 52																										
S-14			10 53																										
S-15			10 54																										
TOTAL 15																													

RELINQUISHED BY:(Signature) DATE/TIME 6/18 RECEIVED BY:(Signature) 0940

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RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: Xenco

TURN AROUND TIME

NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒ 3 Day

LABORATORY USE ONLY

RECEIVING TEMP: 1.6 1.2 THERM#: IR-5

CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED

☐ CARRIER BILL #

☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM
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Final 1.000
Released to Imaging: 12/22/2021 9:51:56 AM

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№ 10471

166476

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 6/17/20 PAGE 2 OF 4

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: Sonic Pit

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 NaOH	ICE	UNPRESSERVED	BTEX	MTBE	TRPH 418.1	TPH 1005	TPH 1006	GASOLINE MOD 8015	DIESEL - MOD 8015	OIL - MOD 8015	VOC 8260	SVOC 8270	PAH 8270	HOLDPAH	8081 PESTICIDES	8151 HERBICIDES	8082 PCBS	TBLP - METALS (RCRA)	TCLP VOC	TCLP - PEST	HERB	Semi-VOC	TOTAL METALS (RCRA)	OTHER LIST	LEAD - TOTAL	D.W. 200.8	TCLP	RCI	TOX	FLASHPOINT	TDS	TSS	% MOISTURE	pH	HEXAVALENT CHROMIUM	EXPLOSIVES	PECHLORATE	CHLORIDES	ANIONS	ALKALINITY	FIELD NOTES
S-16		6/17/20	10 55	S	1				X		X		X	X	X																																
S-17			10 56																																												
S-18			10 57																																												
S-19			10 58																																												
S-20			10 59																																												
S-21			11 00																																												
S-22			11 01																																												
S-23			11 02																																												
S-24			11 03																																												
S-25			11 05																																												
S-26			11 06																																												
S-27			11 07																																												
S-28			11 08																																												
S-29			11 09																																												
S-30			11 10																																												

TOTAL 15

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	6/18	
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)

LABORATORY: Xenco

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒
3-DAY

LABORATORY USE ONLY:
RECEIVING TEMP: 1.4 THERM#: I-R8
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM
Final 1.000
Page 121 of 124
Released to Imaging: 12/22/2021 9:51:56 AM

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Nº 1048

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 6/17/20 PAGE 3 OF 4

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Sonic Pit

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☐ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐	8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐	TCLP VOC ☐	TCLP - PEST ☐ HERB ☐	TOTAL METALS (RCRA) ☐	Semi-VOC ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐	OTHER LIST ☐	RCI ☐ TOX ☐	TCLP ☐	TDS ☐ TSS ☐	FLASHPOINT ☐	pH ☐ % MOISTURE ☐	HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ CYANIDE ☐	CHLORIDES ☐ PECHLORATE ☐	ANIONS ☐ ALKALINITY ☐	FIELD NOTES
S - 31		6/17/20	11 11	S	1				X		X			X	X	X																				X			
S - 32			11 12																																				
S - 33			11 13																																				
S - 34			11 14																																				
S - 35			11 15																																				
S - 36			11 16																																				
S - 37			11 17																																				
S - 38			11 18																																				
S - 39			11 19																																				
S - 40			11 20																																				
S - 41			11 21																																				
S - 42			11 22																																				
S - 43			11 23																																				
S - 44			11 24																																				
S - 45			11 25																																				

TOTAL 15

RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY:(Signature)
Tristan Dan	6/18	[illegible]
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)

LABORATORY: XENCO

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒
3 DAY

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2 THERM#: TJ8
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM
Final 1.000
Page 122 of 124
Released to Imaging: 12/22/2021 9:51:56 AM

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Lab# 447165

№ 1049

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 6/17/20 PAGE 4 OF 4

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Scrit pit

LAI PROJECT #: 20-0100-01 COLLECTOR: DS/TJ

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
S-46		6/17/20		S	1				X		X		X	X	X													X		
S-47		"		"	1				1		1		1	1	1													1		
S-48		"		"	1				1		1		1	1	1													1		

TOTAL 3

RELINQUISHED BY:(Signature)	DATE/TIME 6/18	RECEIVED BY: (Signature) 1500
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)

LABORATORY: Xenco

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒ 3 Day

LABORATORY USE ONLY:
RECEIVING TEMP: -1.0 -1.1 THERM#: IR-8
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 11/30/2021 8:18:07 AM
Final 1.000
Page 123 of 124
Released to Imaging: 12/22/2021 9:51:56 AM

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Larson and Associates, Inc.

Date/ Time Received: 06.18.2020 08.40.00 AM

Work Order #: 664765

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

Temperature Measuring device used : IR-8

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	1.2	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6*Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Any missing/extra samples?	**No**	
#9 Chain of Custody signed when relinquished/ received?	**Yes**	
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**	
#11 Container label(s) legible and intact?	**Yes**	
#12 Samples in proper container/ bottle?	**Yes**	BTEX was in bulk container
#13 Samples properly preserved?	**Yes**	
#14 Sample container(s) intact?	**Yes**	
#15 Sufficient sample amount for indicated test(s)?	**Yes**	
#16 All samples received within hold time?	**Yes**	
#17 Subcontract of sample(s)?	**N/A**	
#18 Water VOC samples have zero headspace?	**N/A**	

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

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 06.18.2020

Brianna Teel

Checklist reviewed by: Holly Taylor Date: 06.19.2020

Holly Taylor

Certificate of Analysis Summary 664989

Larson and Associates, Inc., Midland, TX

Project Name: Brushy Draw

Project Id: 20-0100-01
Contact: Mark Larson
Project Location:

Date Received in Lab: Mon 06.22.2020 08:17
Report Date: 06.30.2020 14:29
Project Manager: Holly Taylor

Analysis Requested													
	Lab Id:	664989-001		664989-002		664989-003		664989-004		664989-005		664989-006	
	Field Id:	C-55		C-57		C-58		C-63		C-64		C-65	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	06.19.2020 10:45		06.19.2020 10:46		06.19.2020 10:47		06.19.2020 10:48		06.19.2020 10:49		06.19.2020 10:50	
BTEX by EPA 8021B	***Extracted:***	06.29.2020 17:00		06.29.2020 17:00		06.29.2020 17:00		06.29.2020 17:00		06.29.2020 17:00		06.29.2020 17:00	
	Analyzed:	06.29.2020 22:53		06.29.2020 23:13		06.29.2020 23:34		06.29.2020 23:54		06.30.2020 00:14		06.30.2020 00:35	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00199	0.00199	<0.00201	0.00201	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
Toluene		<0.00199	0.00199	<0.00201	0.00201	0.00204	0.00199	<0.00198	0.00198	0.00449	0.00199	0.00218	0.00200
Ethylbenzene		<0.00199	0.00199	<0.00201	0.00201	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
m,p-Xylenes		<0.00398	0.00398	<0.00402	0.00402	<0.00398	0.00398	<0.00397	0.00397	<0.00398	0.00398	<0.00401	0.00401
o-Xylene		<0.00199	0.00199	<0.00201	0.00201	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
Total Xylenes		<0.00199	0.00199	<0.00201	0.00201	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200
Total BTEX		<0.00199	0.00199	<0.00201	0.00201	0.00204	0.00199	<0.00198	0.00198	0.00449	0.00199	0.00218	0.00200
Chloride by EPA 300	***Extracted:***	06.22.2020 15:35		06.22.2020 15:35		06.22.2020 15:35		06.22.2020 15:35		06.22.2020 15:35		06.22.2020 15:35	
	Analyzed:	06.22.2020 18:20		06.22.2020 18:25		06.22.2020 18:30		06.22.2020 18:35		06.22.2020 18:51		06.22.2020 18:56	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		73.6	4.97	13.4	4.99	106	5.00	295	5.00	28.6	5.02	41.0	4.96
TPH by SW8015 Mod	***Extracted:***	06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00	
	Analyzed:	06.22.2020 17:30		06.22.2020 18:34		06.22.2020 18:56		06.22.2020 19:17		06.22.2020 19:39		06.22.2020 20:00	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.8	49.8
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.8	49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.8	49.8
Total TPH		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.8	49.8	<50.0	50.0	<49.8	49.8

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Holly Taylor
Project Manager

Certificate of Analysis Summary 664989

Larson and Associates, Inc., Midland, TX

Project Name: Brushy Draw

Project Id: 20-0100-01
Contact: Mark Larson
Project Location:

Date Received in Lab: Mon 06.22.2020 08:17
Report Date: 06.30.2020 14:29
Project Manager: Holly Taylor

Analysis Requested													
	Lab Id:	664989-007		664989-008		664989-009		664989-010		664989-011		664989-012	
	Field Id:	C-66		C-89		C-91		C-96		C-192		C-193	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	06.19.2020 10:51		06.19.2020 10:56		06.19.2020 11:01		06.19.2020 11:06		06.19.2020 11:07		06.19.2020 11:09	
BTEX by EPA 8021B	***Extracted:***	06.29.2020 17:00		06.29.2020 17:00		06.29.2020 17:00		06.29.2020 17:00		06.29.2020 17:00		06.29.2020 17:00	
	Analyzed:	06.30.2020 00:55		06.30.2020 01:15		06.30.2020 01:35		06.30.2020 01:56		06.30.2020 03:18		06.30.2020 03:38	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Toluene		<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	0.00210	0.00199
Ethylbenzene		<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
m,p-Xylenes		<0.00399	0.00399	<0.00396	0.00396	<0.00397	0.00397	<0.00398	0.00398	<0.00397	0.00397	<0.00398	0.00398
o-Xylene		<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Total Xylenes		<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Total BTEX		<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	0.00210	0.00199
Chloride by EPA 300	***Extracted:***	06.22.2020 15:35		06.22.2020 15:35		06.22.2020 15:35		06.22.2020 15:35		06.22.2020 15:35		06.22.2020 15:35	
	Analyzed:	06.22.2020 19:11		06.22.2020 19:16		06.22.2020 19:21		06.22.2020 19:26		06.22.2020 19:31		06.22.2020 19:36	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		534	4.95	27.5	4.98	96.5	4.95	15.1	4.95	598	5.05	677	5.03
TPH by SW8015 Mod	***Extracted:***	06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00	
	Analyzed:	06.22.2020 20:22		06.22.2020 20:43		06.22.2020 21:05		06.22.2020 21:26		06.22.2020 22:09		06.22.2020 22:30	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9
Total TPH		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9

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Holly Taylor
Project Manager

Certificate of Analysis Summary 664989

Larson and Associates, Inc., Midland, TX

Project Name: Brushy Draw

Project Id: 20-0100-01
Contact: Mark Larson
Project Location:

Date Received in Lab: Mon 06.22.2020 08:17
Report Date: 06.30.2020 14:29
Project Manager: Holly Taylor

Analysis Requested													
	Lab Id:	664989-013		664989-014		664989-015		664989-016		664989-017		664989-018	
	Field Id:	C-194		C-196		C-199		C-200		C-201		C-202	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	06.19.2020 11:10		06.19.2020 11:11		06.19.2020 11:12		06.19.2020 11:12		06.19.2020 11:13		06.19.2020 11:18	
BTEX by EPA 8021B	***Extracted:***	06.29.2020 17:00		06.29.2020 17:00		06.29.2020 17:00		06.26.2020 17:00		06.26.2020 17:00		06.26.2020 17:00	
	Analyzed:	06.30.2020 03:58		06.30.2020 04:19		06.30.2020 04:39		06.27.2020 15:53		06.27.2020 16:14		06.27.2020 16:34	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00201	0.00201
Toluene		<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00201	0.00201
Ethylbenzene		<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00201	0.00201
m,p-Xylenes		<0.00401	0.00401	<0.00402	0.00402	<0.00399	0.00399	<0.00403	0.00403	<0.00399	0.00399	<0.00402	0.00402
o-Xylene		<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00201	0.00201
Total Xylenes		<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00201	0.00201
Total BTEX		<0.00200	0.00200	<0.00201	0.00201	<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00201	0.00201
Chloride by EPA 300	***Extracted:***	06.22.2020 15:35		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00	
	Analyzed:	06.22.2020 19:41		06.22.2020 20:12		06.22.2020 20:27		06.22.2020 20:32		06.22.2020 20:37		06.22.2020 20:42	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		105	4.96	880 X	5.05	591	24.9	467	5.03	108	4.99	438	4.96
TPH by SW8015 Mod	***Extracted:***	06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00	
	Analyzed:	06.22.2020 22:51		06.22.2020 23:13		06.22.2020 23:34		06.22.2020 23:55		06.23.2020 00:16		06.23.2020 00:38	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0
Diesel Range Organics (DRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0
Total TPH		<49.8	49.8	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0	<50.0	50.0

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

Holly Taylor
Project Manager

Certificate of Analysis Summary 664989

Larson and Associates, Inc., Midland, TX

Project Name: Brushy Draw

Project Id: 20-0100-01
Contact: Mark Larson
Project Location:

Date Received in Lab: Mon 06.22.2020 08:17
Report Date: 06.30.2020 14:29
Project Manager: Holly Taylor

Analysis Requested													
	Lab Id:	664989-019		664989-020		664989-021		664989-022		664989-023		664989-024	
	Field Id:	C-203		C-204		C-205		C-206		C-207		C-208	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	06.19.2020 11:19		06.19.2020 11:20		06.19.2020 11:21		06.19.2020 11:22		06.19.2020 11:23		06.19.2020 11:24	
BTEX by EPA 8021B	***Extracted:***	06.26.2020 17:00		06.26.2020 17:00		06.26.2020 17:00		06.26.2020 17:00		06.26.2020 17:00		06.26.2020 17:00	
	Analyzed:	06.27.2020 16:55		06.27.2020 17:15		06.27.2020 17:36		06.27.2020 17:56		06.27.2020 18:17		06.27.2020 18:37	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200
Toluene		<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200
Ethylbenzene		<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200
m,p-Xylenes		<0.00403	0.00403	<0.00401	0.00401	<0.00401	0.00401	<0.00398	0.00398	<0.00402	0.00402	<0.00401	0.00401
o-Xylene		<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200
Total Xylenes		<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200
Total BTEX		<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00201	0.00201	<0.00200	0.00200
Chloride by EPA 300	***Extracted:***	06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00	
	Analyzed:	06.22.2020 20:57		06.22.2020 21:02		06.22.2020 21:07		06.22.2020 21:12		06.22.2020 21:22		06.22.2020 21:17	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		419	25.0	518	5.02	1650	24.9	178	4.95	267 X	4.98	163	50.0
TPH by SW8015 Mod	***Extracted:***	06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00		06.22.2020 16:00	
	Analyzed:	06.23.2020 00:59		06.23.2020 01:20		06.22.2020 19:08		06.22.2020 20:05		06.22.2020 20:24		06.22.2020 20:42	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0
Diesel Range Organics (DRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0
Total TPH		<49.9	49.9	<49.9	49.9	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0

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

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

Holly Taylor
Project Manager

Analytical Report 664989

for

Larson and Associates, Inc.

Project Manager: Mark Larson

Brushy Draw

20-0100-01

06.30.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

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

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

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

06.30.2020

Project Manager: **Mark Larson**
Larson and Associates, Inc.
P. O. Box 50685
Midland, TX 79710

Reference: XENCO Report No(s): **664989**
Brushy Draw
Project Address:

Mark Larson :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 664989. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 664989 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Holly Taylor

Holly Taylor
Project Manager

A Small Business and Minority Company

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

Sample Cross Reference 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
C-55	S	06.19.2020 10:45		664989-001
C-57	S	06.19.2020 10:46		664989-002
C-58	S	06.19.2020 10:47		664989-003
C-63	S	06.19.2020 10:48		664989-004
C-64	S	06.19.2020 10:49		664989-005
C-65	S	06.19.2020 10:50		664989-006
C-66	S	06.19.2020 10:51		664989-007
C-89	S	06.19.2020 10:56		664989-008
C-91	S	06.19.2020 11:01		664989-009
C-96	S	06.19.2020 11:06		664989-010
C-192	S	06.19.2020 11:07		664989-011
C-193	S	06.19.2020 11:09		664989-012
C-194	S	06.19.2020 11:10		664989-013
C-196	S	06.19.2020 11:11		664989-014
C-199	S	06.19.2020 11:12		664989-015
C-200	S	06.19.2020 11:12		664989-016
C-201	S	06.19.2020 11:13		664989-017
C-202	S	06.19.2020 11:18		664989-018
C-203	S	06.19.2020 11:19		664989-019
C-204	S	06.19.2020 11:20		664989-020
C-205	S	06.19.2020 11:21		664989-021
C-206	S	06.19.2020 11:22		664989-022
C-207	S	06.19.2020 11:23		664989-023
C-208	S	06.19.2020 11:24		664989-024

CASE NARRATIVE

Client Name: Larson and Associates, Inc.
Project Name: Brushy Draw

Project ID: *20-0100-01*
Work Order Number(s): *664989*

Report Date: *06.30.2020*
Date Received: *06.22.2020*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3129690 Chloride by EPA 300
Lab Sample ID 664989-023 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered below QC limits in the Matrix Spike. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 664989-014, -015, -016, -017, -018, -019, -020, -021, -022, -023, -024.
The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3130222 BTEX by EPA 8021B
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: 664989-016, -017, -018, -019, -020, -021, -022, -023, -024

Lab Sample ID 664989-016 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: 664989-016, -017, -018, -019, -020, -021, -022, -023, -024.
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-3130310 BTEX by EPA 8021B
Lab Sample ID 664989-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Benzene, Toluene, m,p-Xylenes recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 664989-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015.
The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes is within laboratory Control Limits, therefore the data was accepted.

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-55**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-001	Date Collected:	06.19.2020 10:45		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 15:35	Basis:	Wet Weight
Seq Number:	3129689				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**73.6**	4.97	mg/kg	06.22.2020 18:20		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.22.2020 17:30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.22.2020 17:30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.22.2020 17:30	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.22.2020 17:30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	06.22.2020 17:30	
o-Terphenyl	84-15-1	94	%	70-130	06.22.2020 17:30	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-55**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-001	Date Collected:	06.19.2020 10:45		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.29.2020 17:00	Basis:	Wet Weight
Seq Number:	3130310				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.29.2020 22:53	UX	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	06.29.2020 22:53	UX	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.29.2020 22:53	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.29.2020 22:53	UX	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.29.2020 22:53	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.29.2020 22:53	U	1
Total BTEX		<0.00199	0.00199	mg/kg	06.29.2020 22:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	06.29.2020 22:53	
1,4-Difluorobenzene	540-36-3	97	%	70-130	06.29.2020 22:53	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-57**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-002	Date Collected:	06.19.2020 10:46		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 15:35	Basis:	Wet Weight
Seq Number:	3129689				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**13.4**	4.99	mg/kg	06.22.2020 18:25		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.22.2020 18:34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.22.2020 18:34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.22.2020 18:34	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.22.2020 18:34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	06.22.2020 18:34	
o-Terphenyl	84-15-1	98	%	70-130	06.22.2020 18:34	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-57**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-002	Date Collected:	06.19.2020 10:46		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.29.2020 17:00	Basis:	Wet Weight
Seq Number:	3130310				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	06.29.2020 23:13	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	06.29.2020 23:13	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	06.29.2020 23:13	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	06.29.2020 23:13	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	06.29.2020 23:13	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	06.29.2020 23:13	U	1
Total BTEX		<0.00201	0.00201	mg/kg	06.29.2020 23:13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	100	%	70-130	06.29.2020 23:13	
1,4-Difluorobenzene	540-36-3	94	%	70-130	06.29.2020 23:13	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-58**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-003	Date Collected:	06.19.2020 10:47		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 15:35	Basis:	Wet Weight
Seq Number:	3129689				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**106**	5.00	mg/kg	06.22.2020 18:30		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.22.2020 18:56	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.22.2020 18:56	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.22.2020 18:56	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.22.2020 18:56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	06.22.2020 18:56	
o-Terphenyl	84-15-1	85	%	70-130	06.22.2020 18:56	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-58**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-003	Date Collected:	06.19.2020 10:47		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.29.2020 17:00	Basis:	Wet Weight
Seq Number:	3130310				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.29.2020 23:34	U	1
Toluene	108-88-3	**0.00204**	0.00199	mg/kg	06.29.2020 23:34		1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.29.2020 23:34	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.29.2020 23:34	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.29.2020 23:34	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.29.2020 23:34	U	1
Total BTEX		**0.00204**	0.00199	mg/kg	06.29.2020 23:34		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	06.29.2020 23:34	
4-Bromofluorobenzene	460-00-4	102	%	70-130	06.29.2020 23:34	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-63**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-004	Date Collected:	06.19.2020 10:48		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 15:35	Basis:	Wet Weight
Seq Number:	3129689				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**295**	5.00	mg/kg	06.22.2020 18:35		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	06.22.2020 19:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	06.22.2020 19:17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	06.22.2020 19:17	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	06.22.2020 19:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	06.22.2020 19:17	
o-Terphenyl	84-15-1	86	%	70-130	06.22.2020 19:17	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-63**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-004	Date Collected:	06.19.2020 10:48		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.29.2020 17:00	Basis:	Wet Weight
Seq Number:	3130310				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.29.2020 23:54	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	06.29.2020 23:54	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.29.2020 23:54	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	06.29.2020 23:54	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.29.2020 23:54	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.29.2020 23:54	U	1
Total BTEX		<0.00198	0.00198	mg/kg	06.29.2020 23:54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	06.29.2020 23:54	
1,4-Difluorobenzene	540-36-3	94	%	70-130	06.29.2020 23:54	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-64**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-005	Date Collected:	06.19.2020 10:49		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 15:35	Basis:	Wet Weight
Seq Number:	3129689				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**28.6**	5.02	mg/kg	06.22.2020 18:51		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.22.2020 19:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.22.2020 19:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.22.2020 19:39	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.22.2020 19:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	06.22.2020 19:39	
o-Terphenyl	84-15-1	88	%	70-130	06.22.2020 19:39	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-64**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-005	Date Collected:	06.19.2020 10:49		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.29.2020 17:00	Basis:	Wet Weight
Seq Number:	3130310				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.30.2020 00:14	U	1
Toluene	108-88-3	**0.00449**	0.00199	mg/kg	06.30.2020 00:14		1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.30.2020 00:14	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.30.2020 00:14	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.30.2020 00:14	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.30.2020 00:14	U	1
Total BTEX		**0.00449**	0.00199	mg/kg	06.30.2020 00:14		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	93	%	70-130	06.30.2020 00:14	
4-Bromofluorobenzene	460-00-4	101	%	70-130	06.30.2020 00:14	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-65**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-006	Date Collected:	06.19.2020 10:50		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 15:35	Basis:	Wet Weight
Seq Number:	3129689				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**41.0**	4.96	mg/kg	06.22.2020 18:56		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	06.22.2020 20:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	06.22.2020 20:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	06.22.2020 20:00	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	06.22.2020 20:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	06.22.2020 20:00	
o-Terphenyl	84-15-1	84	%	70-130	06.22.2020 20:00	

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Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-65**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-006	Date Collected:	06.19.2020 10:50		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.29.2020 17:00	Basis:	Wet Weight
Seq Number:	3130310				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.30.2020 00:35	U	1
Toluene	108-88-3	**0.00218**	0.00200	mg/kg	06.30.2020 00:35		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.30.2020 00:35	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	06.30.2020 00:35	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.30.2020 00:35	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.30.2020 00:35	U	1
Total BTEX		**0.00218**	0.00200	mg/kg	06.30.2020 00:35		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	93	%	70-130	06.30.2020 00:35	
4-Bromofluorobenzene	460-00-4	104	%	70-130	06.30.2020 00:35	

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Brushy Draw

Sample Id:	**C-66**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-007	Date Collected:	06.19.2020 10:51		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 15:35	Basis:	Wet Weight
Seq Number:	3129689				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**534**	4.95	mg/kg	06.22.2020 19:11		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.22.2020 20:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.22.2020 20:22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.22.2020 20:22	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.22.2020 20:22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	06.22.2020 20:22	
o-Terphenyl	84-15-1	93	%	70-130	06.22.2020 20:22	

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Brushy Draw

Sample Id:	**C-66**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-007	Date Collected:	06.19.2020 10:51		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.29.2020 17:00	Basis:	Wet Weight
Seq Number:	3130310				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.30.2020 00:55	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	06.30.2020 00:55	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.30.2020 00:55	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	06.30.2020 00:55	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.30.2020 00:55	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.30.2020 00:55	U	1
Total BTEX		<0.00200	0.00200	mg/kg	06.30.2020 00:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	06.30.2020 00:55	
4-Bromofluorobenzene	460-00-4	117	%	70-130	06.30.2020 00:55	

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Brushy Draw

Sample Id:	**C-89**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-008	Date Collected:	06.19.2020 10:56		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 15:35	Basis:	Wet Weight
Seq Number:	3129689				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**27.5**	4.98	mg/kg	06.22.2020 19:16		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.22.2020 20:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.22.2020 20:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.22.2020 20:43	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.22.2020 20:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	06.22.2020 20:43	
o-Terphenyl	84-15-1	98	%	70-130	06.22.2020 20:43	

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Brushy Draw

Sample Id:	**C-89**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-008	Date Collected:	06.19.2020 10:56		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.29.2020 17:00	Basis:	Wet Weight
Seq Number:	3130310				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.30.2020 01:15	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	06.30.2020 01:15	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.30.2020 01:15	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	06.30.2020 01:15	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.30.2020 01:15	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.30.2020 01:15	U	1
Total BTEX		<0.00198	0.00198	mg/kg	06.30.2020 01:15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	112	%	70-130	06.30.2020 01:15	
1,4-Difluorobenzene	540-36-3	96	%	70-130	06.30.2020 01:15	

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Brushy Draw

Sample Id:	**C-91**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-009	Date Collected:	06.19.2020 11:01		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 15:35	Basis:	Wet Weight
Seq Number:	3129689				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**96.5**	4.95	mg/kg	06.22.2020 19:21		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.22.2020 21:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.22.2020 21:05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.22.2020 21:05	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.22.2020 21:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	06.22.2020 21:05	
o-Terphenyl	84-15-1	101	%	70-130	06.22.2020 21:05	

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Brushy Draw

Sample Id:	**C-91**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-009	Date Collected:	06.19.2020 11:01		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.29.2020 17:00	Basis:	Wet Weight
Seq Number:	3130310				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.30.2020 01:35	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	06.30.2020 01:35	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.30.2020 01:35	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	06.30.2020 01:35	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.30.2020 01:35	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.30.2020 01:35	U	1
Total BTEX		<0.00198	0.00198	mg/kg	06.30.2020 01:35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	06.30.2020 01:35	
4-Bromofluorobenzene	460-00-4	116	%	70-130	06.30.2020 01:35	

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Brushy Draw

Sample Id:	**C-96**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-010	Date Collected:	06.19.2020 11:06		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 15:35	Basis:	Wet Weight
Seq Number:	3129689				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**15.1**	4.95	mg/kg	06.22.2020 19:26		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.22.2020 21:26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.22.2020 21:26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.22.2020 21:26	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.22.2020 21:26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	06.22.2020 21:26	
o-Terphenyl	84-15-1	101	%	70-130	06.22.2020 21:26	

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Brushy Draw

Sample Id:	**C-96**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-010	Date Collected:	06.19.2020 11:06		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.29.2020 17:00	Basis:	Wet Weight
Seq Number:	3130310				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.30.2020 01:56	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	06.30.2020 01:56	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.30.2020 01:56	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.30.2020 01:56	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.30.2020 01:56	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.30.2020 01:56	U	1
Total BTEX		<0.00199	0.00199	mg/kg	06.30.2020 01:56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	116	%	70-130	06.30.2020 01:56	
1,4-Difluorobenzene	540-36-3	102	%	70-130	06.30.2020 01:56	

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Brushy Draw

Sample Id:	**C-192**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-011	Date Collected:	06.19.2020 11:07		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 15:35	Basis:	Wet Weight
Seq Number:	3129689				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**598**	5.05	mg/kg	06.22.2020 19:31		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.22.2020 22:09	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.22.2020 22:09	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.22.2020 22:09	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.22.2020 22:09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	06.22.2020 22:09	
o-Terphenyl	84-15-1	94	%	70-130	06.22.2020 22:09	

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Brushy Draw

Sample Id:	**C-192**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-011	Date Collected:	06.19.2020 11:07		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.29.2020 17:00	Basis:	Wet Weight
Seq Number:	3130310				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.30.2020 03:18	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	06.30.2020 03:18	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.30.2020 03:18	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	06.30.2020 03:18	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.30.2020 03:18	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.30.2020 03:18	U	1
Total BTEX		<0.00198	0.00198	mg/kg	06.30.2020 03:18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	70-130	06.30.2020 03:18	
1,4-Difluorobenzene	540-36-3	94	%	70-130	06.30.2020 03:18	

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Brushy Draw

Sample Id:	**C-193**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-012	Date Collected:	06.19.2020 11:09		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 15:35	Basis:	Wet Weight
Seq Number:	3129689				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**677**	5.03	mg/kg	06.22.2020 19:36		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.22.2020 22:30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.22.2020 22:30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.22.2020 22:30	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.22.2020 22:30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	06.22.2020 22:30	
o-Terphenyl	84-15-1	91	%	70-130	06.22.2020 22:30	

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Brushy Draw

Sample Id:	**C-193**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-012	Date Collected:	06.19.2020 11:09		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.29.2020 17:00	Basis:	Wet Weight
Seq Number:	3130310				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.30.2020 03:38	U	1
Toluene	108-88-3	**0.00210**	0.00199	mg/kg	06.30.2020 03:38		1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.30.2020 03:38	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.30.2020 03:38	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.30.2020 03:38	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.30.2020 03:38	U	1
Total BTEX		**0.00210**	0.00199	mg/kg	06.30.2020 03:38		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	96	%	70-130	06.30.2020 03:38	
4-Bromofluorobenzene	460-00-4	100	%	70-130	06.30.2020 03:38	

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Brushy Draw

Sample Id:	**C-194**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-013	Date Collected:	06.19.2020 11:10		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 15:35	Basis:	Wet Weight
Seq Number:	3129689				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**105**	4.96	mg/kg	06.22.2020 19:41		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	06.22.2020 22:51	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	06.22.2020 22:51	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	06.22.2020 22:51	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	06.22.2020 22:51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	06.22.2020 22:51	
o-Terphenyl	84-15-1	92	%	70-130	06.22.2020 22:51	

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Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-194**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-013	Date Collected:	06.19.2020 11:10		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.29.2020 17:00	Basis:	Wet Weight
Seq Number:	3130310				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.30.2020 03:58	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	06.30.2020 03:58	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.30.2020 03:58	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	06.30.2020 03:58	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.30.2020 03:58	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.30.2020 03:58	U	1
Total BTEX		<0.00200	0.00200	mg/kg	06.30.2020 03:58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	94	%	70-130	06.30.2020 03:58	
1,4-Difluorobenzene	540-36-3	90	%	70-130	06.30.2020 03:58	

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Brushy Draw

Sample Id: **C-196** Matrix: Soil Date Received:06.22.2020 08:17

Lab Sample Id: 664989-014 Date Collected: 06.19.2020 11:11

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 06.22.2020 16:00 Basis: Wet Weight

Seq Number: 3129690

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**880**	5.05	mg/kg	06.22.2020 20:12	X	1

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 06.22.2020 16:00 Basis: Wet Weight

Seq Number: 3129710

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.22.2020 23:13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.22.2020 23:13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.22.2020 23:13	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.22.2020 23:13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	06.22.2020 23:13	
o-Terphenyl	84-15-1	93	%	70-130	06.22.2020 23:13	

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Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-196**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-014	Date Collected:	06.19.2020 11:11		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.29.2020 17:00	Basis:	Wet Weight
Seq Number:	3130310				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	06.30.2020 04:19	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	06.30.2020 04:19	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	06.30.2020 04:19	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	06.30.2020 04:19	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	06.30.2020 04:19	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	06.30.2020 04:19	U	1
Total BTEX		<0.00201	0.00201	mg/kg	06.30.2020 04:19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	94	%	70-130	06.30.2020 04:19	
4-Bromofluorobenzene	460-00-4	101	%	70-130	06.30.2020 04:19	

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Brushy Draw

Sample Id:	**C-199**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-015	Date Collected:	06.19.2020 11:12		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129690				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**591**	24.9	mg/kg	06.22.2020 20:27		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.22.2020 23:34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.22.2020 23:34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.22.2020 23:34	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.22.2020 23:34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	06.22.2020 23:34	
o-Terphenyl	84-15-1	94	%	70-130	06.22.2020 23:34	

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Brushy Draw

Sample Id:	**C-199**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-015	Date Collected:	06.19.2020 11:12		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	06.29.2020 17:00	Basis:	Wet Weight
Seq Number:	3130310				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.30.2020 04:39	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	06.30.2020 04:39	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.30.2020 04:39	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	06.30.2020 04:39	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.30.2020 04:39	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.30.2020 04:39	U	1
Total BTEX		<0.00200	0.00200	mg/kg	06.30.2020 04:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	70-130	06.30.2020 04:39	
1,4-Difluorobenzene	540-36-3	96	%	70-130	06.30.2020 04:39	

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Brushy Draw

Sample Id:	**C-200**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-016	Date Collected:	06.19.2020 11:12		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129690				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**467**	5.03	mg/kg	06.22.2020 20:32		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	06.22.2020 23:55	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	06.22.2020 23:55	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	06.22.2020 23:55	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	06.22.2020 23:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	06.22.2020 23:55	
o-Terphenyl	84-15-1	99	%	70-130	06.22.2020 23:55	

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Brushy Draw

Sample Id:	**C-200**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-016	Date Collected:	06.19.2020 11:12		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.26.2020 17:00	Basis:	Wet Weight
Seq Number:	3130222				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	06.27.2020 15:53	UXF	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	06.27.2020 15:53	UXF	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	06.27.2020 15:53	UXF	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	06.27.2020 15:53	UXF	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	06.27.2020 15:53	UXF	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	06.27.2020 15:53	U	1
Total BTEX		<0.00202	0.00202	mg/kg	06.27.2020 15:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	06.27.2020 15:53	
1,4-Difluorobenzene	540-36-3	106	%	70-130	06.27.2020 15:53	

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Brushy Draw

Sample Id:	**C-201**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-017	Date Collected:	06.19.2020 11:13		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129690				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**108**	4.99	mg/kg	06.22.2020 20:37		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.23.2020 00:16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.23.2020 00:16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.23.2020 00:16	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.23.2020 00:16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	06.23.2020 00:16	
o-Terphenyl	84-15-1	99	%	70-130	06.23.2020 00:16	

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Brushy Draw

Sample Id:	**C-201**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-017	Date Collected:	06.19.2020 11:13		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.26.2020 17:00	Basis:	Wet Weight
Seq Number:	3130222				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.27.2020 16:14	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	06.27.2020 16:14	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.27.2020 16:14	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	06.27.2020 16:14	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.27.2020 16:14	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.27.2020 16:14	U	1
Total BTEX		<0.00200	0.00200	mg/kg	06.27.2020 16:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	108	%	70-130	06.27.2020 16:14	
4-Bromofluorobenzene	460-00-4	106	%	70-130	06.27.2020 16:14	

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Brushy Draw

Sample Id:	**C-202**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-018	Date Collected:	06.19.2020 11:18		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129690				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**438**	4.96	mg/kg	06.22.2020 20:42		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.23.2020 00:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.23.2020 00:38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.23.2020 00:38	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.23.2020 00:38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	06.23.2020 00:38	
o-Terphenyl	84-15-1	98	%	70-130	06.23.2020 00:38	

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Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-202**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-018	Date Collected:	06.19.2020 11:18		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.26.2020 17:00	Basis:	Wet Weight
Seq Number:	3130222				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	06.27.2020 16:34	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	06.27.2020 16:34	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	06.27.2020 16:34	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	06.27.2020 16:34	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	06.27.2020 16:34	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	06.27.2020 16:34	U	1
Total BTEX		<0.00201	0.00201	mg/kg	06.27.2020 16:34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	109	%	70-130	06.27.2020 16:34	
4-Bromofluorobenzene	460-00-4	114	%	70-130	06.27.2020 16:34	

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Brushy Draw

Sample Id: **C-203** Matrix: Soil Date Received:06.22.2020 08:17

Lab Sample Id: 664989-019 Date Collected: 06.19.2020 11:19

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 06.22.2020 16:00 Basis: Wet Weight

Seq Number: 3129690

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**419**	25.0	mg/kg	06.22.2020 20:57		5

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 06.22.2020 16:00 Basis: Wet Weight

Seq Number: 3129710

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.23.2020 00:59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.23.2020 00:59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.23.2020 00:59	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.23.2020 00:59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	06.23.2020 00:59	
o-Terphenyl	84-15-1	95	%	70-130	06.23.2020 00:59	

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Brushy Draw

Sample Id:	**C-203**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-019	Date Collected:	06.19.2020 11:19		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.26.2020 17:00	Basis:	Wet Weight
Seq Number:	3130222				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	06.27.2020 16:55	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	06.27.2020 16:55	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	06.27.2020 16:55	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	06.27.2020 16:55	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	06.27.2020 16:55	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	06.27.2020 16:55	U	1
Total BTEX		<0.00202	0.00202	mg/kg	06.27.2020 16:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	06.27.2020 16:55	
1,4-Difluorobenzene	540-36-3	106	%	70-130	06.27.2020 16:55	

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Brushy Draw

Sample Id:	**C-204**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-020	Date Collected:	06.19.2020 11:20		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129690				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**518**	5.02	mg/kg	06.22.2020 21:02		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129710				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.23.2020 01:20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.23.2020 01:20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.23.2020 01:20	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.23.2020 01:20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	06.23.2020 01:20	
o-Terphenyl	84-15-1	93	%	70-130	06.23.2020 01:20	

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Brushy Draw

Sample Id:	**C-204**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-020	Date Collected:	06.19.2020 11:20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.26.2020 17:00	Basis:	Wet Weight
Seq Number:	3130222				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.27.2020 17:15	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	06.27.2020 17:15	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.27.2020 17:15	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	06.27.2020 17:15	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.27.2020 17:15	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.27.2020 17:15	U	1
Total BTEX		<0.00200	0.00200	mg/kg	06.27.2020 17:15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	112	%	70-130	06.27.2020 17:15	
1,4-Difluorobenzene	540-36-3	103	%	70-130	06.27.2020 17:15	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-205**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-021	Date Collected:	06.19.2020 11:21		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129690				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1650**	24.9	mg/kg	06.22.2020 21:07		5

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129707				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.22.2020 19:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.22.2020 19:08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.22.2020 19:08	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.22.2020 19:08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	110	%	70-130	06.22.2020 19:08	
o-Terphenyl	84-15-1	113	%	70-130	06.22.2020 19:08	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-205**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-021	Date Collected:	06.19.2020 11:21		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.26.2020 17:00	Basis:	Wet Weight
Seq Number:	3130222				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.27.2020 17:36	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	06.27.2020 17:36	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.27.2020 17:36	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	06.27.2020 17:36	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.27.2020 17:36	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.27.2020 17:36	U	1
Total BTEX		<0.00200	0.00200	mg/kg	06.27.2020 17:36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	108	%	70-130	06.27.2020 17:36	
1,4-Difluorobenzene	540-36-3	106	%	70-130	06.27.2020 17:36	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-206**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-022	Date Collected:	06.19.2020 11:22		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129690				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**178**	4.95	mg/kg	06.22.2020 21:12		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129707				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	06.22.2020 20:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	06.22.2020 20:05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	06.22.2020 20:05	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	06.22.2020 20:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	06.22.2020 20:05	
o-Terphenyl	84-15-1	107	%	70-130	06.22.2020 20:05	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-206**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-022	Date Collected:	06.19.2020 11:22		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.26.2020 17:00	Basis:	Wet Weight
Seq Number:	3130222				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.27.2020 17:56	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	06.27.2020 17:56	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.27.2020 17:56	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.27.2020 17:56	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.27.2020 17:56	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.27.2020 17:56	U	1
Total BTEX		<0.00199	0.00199	mg/kg	06.27.2020 17:56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	115	%	70-130	06.27.2020 17:56	
1,4-Difluorobenzene	540-36-3	106	%	70-130	06.27.2020 17:56	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-207**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-023	Date Collected:	06.19.2020 11:23		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129690				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**267**	4.98	mg/kg	06.22.2020 21:22	X	1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129707				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.22.2020 20:24	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.22.2020 20:24	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.22.2020 20:24	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.22.2020 20:24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	06.22.2020 20:24	
o-Terphenyl	84-15-1	108	%	70-130	06.22.2020 20:24	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-207**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-023	Date Collected:	06.19.2020 11:23		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.26.2020 17:00	Basis:	Wet Weight
Seq Number:	3130222				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	06.27.2020 18:17	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	06.27.2020 18:17	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	06.27.2020 18:17	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	06.27.2020 18:17	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	06.27.2020 18:17	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	06.27.2020 18:17	U	1
Total BTEX		<0.00201	0.00201	mg/kg	06.27.2020 18:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	114	%	70-130	06.27.2020 18:17	
1,4-Difluorobenzene	540-36-3	109	%	70-130	06.27.2020 18:17	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-208**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-024	Date Collected:	06.19.2020 11:24		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129690				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**163**	50.0	mg/kg	06.22.2020 21:17		10

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	06.22.2020 16:00	Basis:	Wet Weight
Seq Number:	3129707				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	06.22.2020 20:42	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	06.22.2020 20:42	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	06.22.2020 20:42	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	06.22.2020 20:42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	06.22.2020 20:42	
o-Terphenyl	84-15-1	105	%	70-130	06.22.2020 20:42	

Certificate of Analytical Results 664989

Larson and Associates, Inc., Midland, TX

Brushy Draw

Sample Id:	**C-208**	Matrix:	Soil	Date Received:	06.22.2020 08:17
Lab Sample Id:	664989-024	Date Collected:	06.19.2020 11:24		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	06.26.2020 17:00	Basis:	Wet Weight
Seq Number:	3130222				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.27.2020 18:37	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	06.27.2020 18:37	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.27.2020 18:37	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	06.27.2020 18:37	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.27.2020 18:37	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.27.2020 18:37	U	1
Total BTEX		<0.00200	0.00200	mg/kg	06.27.2020 18:37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	114	%	70-130	06.27.2020 18:37	
1,4-Difluorobenzene	540-36-3	106	%	70-130	06.27.2020 18:37	

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

QC Summary 664989

Larson and Associates, Inc.

Brushy Draw

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129689 — Matrix: Solid — Date Prep: 06.22.2020
MB Sample Id: 7705936-1-BLK — LCS Sample Id: 7705936-1-BKS — LCSD Sample Id: 7705936-1-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	259	104	237	95	90-110	9	20	mg/kg	06.22.2020 17:14	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129690 — Matrix: Solid — Date Prep: 06.22.2020
MB Sample Id: 7705942-1-BLK — LCS Sample Id: 7705942-1-BKS — LCSD Sample Id: 7705942-1-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	263	105	255	102	90-110	3	20	mg/kg	06.22.2020 20:02	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129689 — Matrix: Soil — Date Prep: 06.22.2020
Parent Sample Id: 664920-003 — MS Sample Id: 664920-003 S — MSD Sample Id: 664920-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	564	248	816	102	832	108	90-110	2	20	mg/kg	06.22.2020 17:30	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129689 — Matrix: Soil — Date Prep: 06.22.2020
Parent Sample Id: 664989-004 — MS Sample Id: 664989-004 S — MSD Sample Id: 664989-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	295	250	560	106	559	106	90-110	0	20	mg/kg	06.22.2020 18:40	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129690 — Matrix: Soil — Date Prep: 06.22.2020
Parent Sample Id: 664989-014 — MS Sample Id: 664989-014 S — MSD Sample Id: 664989-014 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	880	253	1100	87	1130	99	90-110	3	20	mg/kg	06.22.2020 20:17	X

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3129690 — Matrix: Soil — Date Prep: 06.22.2020
Parent Sample Id: 664989-023 — MS Sample Id: 664989-023 S — MSD Sample Id: 664989-023 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	267	249	536	108	546	112	90-110	2	20	mg/kg	06.22.2020 21:28	X

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

QC Summary 664989

Larson and Associates, Inc.

Brushy Draw

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3129707 — Matrix: Solid — Date Prep: 06.22.2020
MB Sample Id: 7705941-1-BLK — LCS Sample Id: 7705941-1-BKS — LCSD Sample Id: 7705941-1-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	835	84	844	84	70-130	1	20	mg/kg	06.22.2020 18:30	
Diesel Range Organics (DRO)	<50.0	1000	811	81	811	81	70-130	0	20	mg/kg	06.22.2020 18:30	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	107		122		122		70-130	%	06.22.2020 18:30
o-Terphenyl	113		116		115		70-130	%	06.22.2020 18:30

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3129710 — Matrix: Solid — Date Prep: 06.22.2020
MB Sample Id: 7705937-1-BLK — LCS Sample Id: 7705937-1-BKS — LCSD Sample Id: 7705937-1-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	862	86	836	84	70-130	3	20	mg/kg	06.22.2020 16:47	
Diesel Range Organics (DRO)	<50.0	1000	856	86	825	83	70-130	4	20	mg/kg	06.22.2020 16:47	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	103		102		99		70-130	%	06.22.2020 16:47
o-Terphenyl	102		101		96		70-130	%	06.22.2020 16:47

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3129707 — Matrix: Solid — Date Prep: 06.22.2020
MB Sample Id: 7705941-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	06.22.2020 18:12	

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3129710 — Matrix: Solid — Date Prep: 06.22.2020
MB Sample Id: 7705937-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	06.22.2020 16:26	

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

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

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

QC Summary 664989

Larson and Associates, Inc.

Brushy Draw

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3129707 — Matrix: Soil — Date Prep: 06.22.2020
Parent Sample Id: 664989-021 — MS Sample Id: 664989-021 S — MSD Sample Id: 664989-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	876	88	844	85	70-130	4	20	mg/kg	06.22.2020 19:27	
Diesel Range Organics (DRO)	<49.9	997	844	85	808	81	70-130	4	20	mg/kg	06.22.2020 19:27	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	129		123		70-130	%	06.22.2020 19:27
o-Terphenyl	122		114		70-130	%	06.22.2020 19:27

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3129710 — Matrix: Soil — Date Prep: 06.22.2020
Parent Sample Id: 664989-001 — MS Sample Id: 664989-001 S — MSD Sample Id: 664989-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	863	87	821	82	70-130	5	20	mg/kg	06.22.2020 17:52	
Diesel Range Organics (DRO)	<49.9	997	826	83	848	85	70-130	3	20	mg/kg	06.22.2020 17:52	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	99		97		70-130	%	06.22.2020 17:52
o-Terphenyl	92		96		70-130	%	06.22.2020 17:52

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3130222 — Matrix: Solid — Date Prep: 06.26.2020
MB Sample Id: 7706352-1-BLK — LCS Sample Id: 7706352-1-BKS — LCSD Sample Id: 7706352-1-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	0.0949	95	0.0866	87	70-130	9	35	mg/kg	06.27.2020 13:50	
Toluene	<0.00200	0.100	0.0911	91	0.0870	87	70-130	5	35	mg/kg	06.27.2020 13:50	
Ethylbenzene	<0.00200	0.100	0.0917	92	0.0894	89	70-130	3	35	mg/kg	06.27.2020 13:50	
m,p-Xylenes	<0.00400	0.200	0.173	87	0.170	85	70-130	2	35	mg/kg	06.27.2020 13:50	
o-Xylene	<0.00200	0.100	0.0902	90	0.0886	89	70-130	2	35	mg/kg	06.27.2020 13:50	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	103		99		96		70-130	%	06.27.2020 13:50
4-Bromofluorobenzene	98		93		95		70-130	%	06.27.2020 13:50

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

QC Summary 664989

Larson and Associates, Inc.

Brushy Draw

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3130310 — Matrix: Solid — Date Prep: 06.29.2020
MB Sample Id: 7706414-1-BLK — LCS Sample Id: 7706414-1-BKS — LCSD Sample Id: 7706414-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.113	113	0.107	107	70-130	5	35	mg/kg	06.29.2020 20:30	
Toluene	<0.00200	0.100	0.107	107	0.101	101	70-130	6	35	mg/kg	06.29.2020 20:30	
Ethylbenzene	<0.00200	0.100	0.109	109	0.102	102	70-130	7	35	mg/kg	06.29.2020 20:30	
m,p-Xylenes	<0.00400	0.200	0.217	109	0.202	101	70-130	7	35	mg/kg	06.29.2020 20:30	
o-Xylene	<0.00200	0.100	0.109	109	0.102	102	70-130	7	35	mg/kg	06.29.2020 20:30	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	94		99		99		70-130	%	06.29.2020 20:30
4-Bromofluorobenzene	99		103		103		70-130	%	06.29.2020 20:30

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3130222 — Matrix: Soil — Date Prep: 06.26.2020
Parent Sample Id: 664989-016 — MS Sample Id: 664989-016 S — MSD Sample Id: 664989-016 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	0.0492	49	0.0253	25	70-130	64	35	mg/kg	06.27.2020 14:31	XF
Toluene	<0.00202	0.101	0.0519	51	0.0306	30	70-130	52	35	mg/kg	06.27.2020 14:31	XF
Ethylbenzene	<0.00202	0.101	0.0535	53	0.0322	32	70-130	50	35	mg/kg	06.27.2020 14:31	XF
m,p-Xylenes	<0.00403	0.202	0.103	51	0.0654	32	70-130	45	35	mg/kg	06.27.2020 14:31	XF
o-Xylene	<0.00202	0.101	0.0549	54	0.0366	36	70-130	40	35	mg/kg	06.27.2020 14:31	XF

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	100		99		70-130	%	06.27.2020 14:31
4-Bromofluorobenzene	96		104		70-130	%	06.27.2020 14:31

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3130310 — Matrix: Soil — Date Prep: 06.29.2020
Parent Sample Id: 664989-001 — MS Sample Id: 664989-001 S — MSD Sample Id: 664989-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00198	0.0992	0.0628	63	0.0625	63	70-130	0	35	mg/kg	06.29.2020 21:11	X
Toluene	<0.00198	0.0992	0.0592	60	0.0594	60	70-130	0	35	mg/kg	06.29.2020 21:11	X
Ethylbenzene	<0.00198	0.0992	0.0706	71	0.0699	70	70-130	1	35	mg/kg	06.29.2020 21:11	
m,p-Xylenes	<0.00397	0.198	0.0773	39	0.0786	39	70-130	2	35	mg/kg	06.29.2020 21:11	X
o-Xylene	<0.00198	0.0992	0.0723	73	0.0728	73	70-130	1	35	mg/kg	06.29.2020 21:11	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	97		98		70-130	%	06.29.2020 21:11
4-Bromofluorobenzene	107		108		70-130	%	06.29.2020 21:11

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

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Nº 1050

1064989

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 6/19/20 PAGE 1 OF 2

PO#: [redacted] LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Brushy Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: TJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
C-56		6/19/20	1045	S	1				X		X	
C-57			1046								X	
C-58			1047								X	
C-63			1048								X	
C-64			1049									
C-65			1050									
C-66			1051									
C-89			1056									
C-91			1101									
C-96			1106									
C-192			1107									
C-193			1109									
C-194			1110									
C-196			1111									
C-199			1112									

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

TOTAL 15

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RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)

LABORATORY: Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 0.4/0.4 THERM#: IR-8
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Final 1.000
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Received by OCD: 11/30/2021 8:18:07 AM
Released to Imaging: 12/22/2021 9:51:36 AM

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№ 1051

1064989

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 6/19/20 PAGE 2 OF 2

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Brushy Draw

LAI PROJECT #: 20-0100-01 COLLECTOR: TJ

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
200		6/12/20	11 12	S	1				X		X		X	X	X														X		
201			11 13																												
202			11 18																												
203			11 19																												
204			11 20																												
205			11 21																												
206			11 22																												
207			1/23																												
208			11 24																												

TOTAL 9

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[signature]	6/23/20	[signature] 0817
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)

LABORATORY: Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP 4.0/4.2 THERM#: IR8
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Final 1.000
Page 63 of 64
Received by OCD: 11/30/2021 8:18:07 AM
Released to Imaging: 12/22/2021 9:51:56 AM

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Larson and Associates, Inc.

Date/ Time Received: 06.22.2020 08.17.00 AM

Work Order #: 664989

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

Temperature Measuring device used : IR-8

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

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

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 06.22.2020

Brianna Teel

Checklist reviewed by: Holly Taylor Date: 06.24.2020

Holly Taylor

Appendix C

Photographs

Sidewall C-8 excavated 4 feet viewing southwest

Sidewall C-16 through C-18 excavated 2 feet viewing southeast

Excavated soil encompassing confirmation soil samples C-1 through C-68,

Viewing south

Excavated soil viewing north

nVV2003435771
Closure Report
Brushy Draw Produced Water Release
July 29, 2020

Excavated soil viewing southwest

Excavated soil viewing southwest/west

nVV2003435771
Closure Report
Brushy Draw Produced Water Release
July 29, 2020

Excavated soil viewing southwest

Excavated soil viewing east

nVV2003435771
Closure Report
Brushy Draw Produced Water Release
July 29, 2020

Excavated soil encompassing confirmation samples C-63 through C-66, viewing west

Excavated soil to 4.1 feet bgs encompassing confirmation samples C-191 through C-208

nVV2003435771
Closure Report
Brushy Draw Produced Water Release
July 29, 2020

Backfilled area viewing east/southeast

Backfilled area viewing north

nVV2003435771
Closure Report
Brushy Draw Produced Water Release
July 29, 2020

Backfilled area viewing east/southeast

XTO flowlines and remaining backfill area viewing west

nVV2003435771
Closure Report
Brushy Draw Produced Water Release
July 29, 2020

XTO flowlines and backfilled area

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 64129

CONDITIONS

Operator: SELECT ENERGY SERVICES, LLC 201 California Street Gainesville, TX 76240	OGRID: 289068
	Action Number: 64129
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	12/22/2021